

# **Section Three**

Historic and  
Forecast Production



# Alaska Historic and Forecast Oil and Gas Production

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## Introduction

This section enumerates historic and projected oil and gas production for all North Slope and Cook Inlet producing areas, unit participating areas, and lease pools.

Forecast production volumes are based on original oil and gas in-place estimates and expected recovery factors. Original in-place means total volume of oil and gas in-place in a three-dimensional reservoir container, regardless of recoverability. Recoverable means the physical limitations of the reservoir and limits of existing technology, and considering economic factors, like price, volume, and rate of return on capital. Original and recoverable estimates are revised with new data and information on recovery and characteristics of the reservoir. Revised estimates are used to calculate remaining reserves.

**Remaining Reserves** are oil or gas that are economic and technologically feasible to produce and are expected to produce revenue in the foreseeable future. Total North Slope and Cook Inlet oil and gas reserves are the sum of forecasted production from year end 2006 to 2035 based on year-end 2005 reporting. Most remaining reserves of oil and gas generate royalty and other revenue to the state.

**Historic and Forecast Production** is summarized by producing area or unit as follows:

	Producing Region	Hydrocarbon Type	Table or Figure
<b>Reserves</b>	North Slope	Oil/Gas	Table III.1
	Cook Inlet	Oil/Gas	Table III.2
<b>Historic</b>	North Slope	Oil	Table III.3
	Incremental Production	Oil	Figures III.1A & B
<b>Forecast</b>	Cook Inlet	Oil	Table III.4
	North Slope	Gas	Table III.5
	North Slope	Gas	Figure III.2
	Cook Inlet	Gas	Table III.6
	Cook Inlet	Gas	Table III.10 and Figure III.7
<b>Daily Volume</b>	North Slope	Oil	Table III.7 and Figures III.3A & B
	Cook Inlet	Oil	Table III.8 and Figure III.4
	North Slope	Gas	Figure III.5
	Cook Inlet	Gas	Table III.9 and Figures III.6
<b>Daily Volume</b>	Alaska	Oil/Gas	Table III.11

Historic information is based on data from the Alaska Oil and Gas Conservation Commission (AOGCC) and the Division of Oil and Gas (DO&G) Royalty Accounting Section. The oil forecasts for North Slope and Cook Inlet are based primarily on estimates prepared by the Alaska Department of Revenue. Forecast gas production is based on DO&G material balance reserve estimates and assumptions about anticipated production on a field-by-field basis. These are enumerated in footnotes to the following tables and charts.

Table III.1 Oil and Gas Reserves

## North Slope

Unit or Area	Oil Reserves (MMBO) <sup>1</sup>	Gas Reserves (Bcf) <sup>1</sup>	Royalty Percent	Royalty Oil Reserves (MMBO)	Royalty Gas Reserves (Bcf)
<b>Badami Unit<sup>2</sup></b>	2	0	14.6%	0	-
<b>Barrow</b>					
East Barrow	-	5	0.0%	-	-
South Barrow	-	4	0.0%	-	-
Walakpa	-	25	0.0%	-	-
TOTAL Barrow	-	34		-	-
<b>Colville River Unit</b>					
Alpine	252	-	9.85%	25	-
CRU Satellite	203	-	14.2% <sup>3</sup>	33	-
TOTAL CRU	455	400		57	60
<b>Duck Island Unit</b>	120	843	12.5-14.4%	15	121
<b>Kuparuk River Unit</b>					
Kuparuk	799	1,000	12.5%	100	125
West Sak <sup>4</sup>	403	100	12.5%	50	13
Tabasco	8	-	12.5%	1	-
Tarn	41	50	12.5%	5	6
Meltwater	6	-	12.5%	1	
Other Kuparuk Satellite	-		12.5%	-	-
TOTAL KRU	1,256	1,150		157	144
<b>Milne Point Unit<sup>4</sup></b>	331	14	14.6%	48	2
<b>North Star</b>	97	450	16.0%	16	72
<b>Prudhoe Bay Unit</b>					
Prudhoe IPA <sup>5</sup>	2,240	23,000	12.5%	280	2,875
PBU Satellites <sup>4, 6</sup>	504	-	12.5%	63	-
Aurora	43				
Borealis	117				
Orion	232				
Polaris	91				
Midnight Sun	15				
Greater Point McIntyre Area					
Lisburne	71	1,000	12.5%	9	125
Niakuk	15	26	12.5%	2	3
Pt. McIntyre	164	500	13.8%	23	69
TOTAL GPMA	250	1,526		33	197
<b>TOTAL PBU</b>	2,995	24,526		376	3,072
<b>Point Thomson Area</b>	295	8,000	12.5-16.0%	37	1,000
<b>Other Undeveloped<sup>7</sup></b>	392	-	6% <sup>8</sup>	23	-
<b>TOTAL North Slope (State Lands)</b>	5,943	35,417		694	3,471
<b>NPRA</b>	246				
<b>TOTAL North Slope Alaska</b>	6,189	35,417		694	3,471

## Notes:

<sup>1</sup> Remaining recoverable oil reserves based on the sum of Alaska Department Revenue forecasted production from 2007 through 2036. Gas reserves estimates from DNR. MMBO = Million Barrels of Oil; Bcf = Billion Cubic Feet.

<sup>2</sup> The Badami field was put in warm shut-in in August, 2003; production resumed in 2005.

<sup>3</sup> Average of royalty rates on State of Alaska lands.

<sup>4</sup> Based on a aggressive heavy oil component.

<sup>5</sup> Prudhoe Bay Initial Participating Area includes Prudhoe Oil Pool oil, gas ,and gas liquids; Gas Cap gas; and gas injected to enhance oil recovery.

<sup>6</sup> Includes Aurora, Borealis, Orion, Polaris , Midnight Sun and Raven Pools.

<sup>7</sup> Includes Liberty and other known off-shore accumulations.

<sup>8</sup> Estimated combined rate for State and Federal on- and off-shore accumulations.

Table III.2 Oil and Gas Reserves

## Cook Inlet

Unit or Area	Oil Reserves (MMBO) <sup>1</sup>	Gas Reserves (Bcf) <sup>1</sup>	Royalty Percent	Royalty Oil Reserves (MMBO)	Royalty Gas Reserves (Bcf)
<b>Proved, Developed, Producing</b>					
Albert Kaloa		1.0			
Beaver Creek	1.2	24.7	-	-	-
Beluga River	-	530.4	12.5%	-	66.3
Cannery Loop	-	38.3	12.6%	-	4.8
Deep Creek		9.6	12.5 - 18%		
Ninilchik <sup>2</sup>		61.7	5 - 12.5%	-	7.7
Granite Point	20.7	12.2	12.5%	2.6	1.5
Ivan River, Lewis River, Pretty Creek, Stump Lake	-	5.0	14.3 - 17.7%	-	0.7
Kasilof		23.3			
Kenai	-	143.7	12.5%	-	18.0
Kustatan		0.1			
Lone Creek/Moquawkie	-	1.7	-	-	-
McArthur River	22.0	136.1	12.5%	2.8	17.0
Middle Ground Shoal	18.6	6.2	12.5%	2.3	0.8
Nicolai Creek	-	2.6	5 - 12.5%	-	0.3
North Cook Inlet	-	245.9	12.5%	-	30.7
North Trading Bay	-	0.0	12.5%	-	0.0
Redoubt	3.8	0.5	5 - 12.5%	-	-
Sterling	-	7.0	12.5%	-	0.9
Swanson River	1.7	7.1	-	-	-
Three Mile Creek	-	0.8	12.5 - 18%		
Trading Bay	5.0	2.9	12.5%	0.6	0.4
West Foreland <sup>3</sup>	-	5.7	9.4%	-	0.5
West Fork		1.2			
West MacArthur River	4.6	1.1	12.5%	0.6	0.1
Wolf Lake <sup>4</sup>	-	0.1	-	-	-
<b>Probable, Undeveloped</b>					
Birch Hill	-	-	-	-	-
Tyonek Deep <sup>5</sup>	25.0	30.0	12.5%	3.1	3.8
Other Probable/ Under-development <sup>6</sup>		385.6	12.5%		48.2
<b>TOTAL COOK INLET</b>	<b>102.5</b>	<b>1,684.6</b>		<b>12.0</b>	<b>201.7</b>

## Notes:

<sup>1</sup> Remaining recoverable reserves are based on the sum of Alaska Department Revenue forecasted production from 2007-2036. MMBO = Million Barrels of Oil; Bcf = Billion Cubic Feet.

<sup>2</sup> Ninilchik Unit includes Falls Creek, Grassim Oskolkoff, Susan Dionne, and Paxton PAs.

<sup>3</sup> West Foreland royalty is 5% on State acreage and 12.5% on Federal acreage.

<sup>4</sup> Subsurface lands owned by Cook Inlet Region, Incorporated.

<sup>5</sup> DNR Estimate.

<sup>6</sup> Includes DNR estimates of non-producing, probable reserves based primarily gas prospectivity in the Nikolaevsk and North Fork exploration areas. Also includes risked probable reserves estimates for the developed-producing fields based on a material balance, plans of development, historic well production rates, and field characteristics.

Table III.3 Oil Production-Historic

## North Slope (Millions of Barrels per Year)

Badami	Colville River					Northstar TOTAL Colville River	Northstar (Ivishak)	Eider <sup>1</sup>	Duck Island							TOTAL Duck Island Unit		
	Alpine	Nanuk	Fiord	Qannik					Endicott				Sag Delta North <sup>1</sup>					
	oil	oil	oil	oil	oil				oil	oil	ngl	inj	net	oil	ngl	net		
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	-	-	-	-	-	-	0.011	-	0.007	0.004	-	-	-	-	-	0.004		
1987	-	-	-	-	-	-	8.796	0.003	0.014	8.785	-	-	-	-	-	8.785		
1988	-	-	-	-	-	-	37.441	0.492	-	37.933	-	-	-	-	-	37.933		
1989	-	-	-	-	-	-	35.746	0.839	-	36.585	0.349	0.005	0.354	0.005	0.354	36.939		
1990	-	-	-	-	-	-	36.181	0.845	-	37.026	1.542	0.028	1.570	0.028	1.570	38.596		
1991	-	-	-	-	-	-	38.996	1.170	-	40.166	2.309	0.048	2.357	0.048	2.357	42.523		
1992	-	-	-	-	-	-	40.603	1.468	-	42.071	1.002	0.011	1.013	0.011	1.013	43.084		
1993	-	-	-	-	-	-	38.433	1.551	-	39.984	0.761	0.007	0.768	0.007	0.768	40.752		
1994	-	-	-	-	-	-	33.916	1.481	-	35.397	0.368	0.003	0.371	0.003	0.371	35.768		
1995	-	-	-	-	-	-	32.998	1.203	-	34.201	0.235	0.001	0.236	0.001	0.236	34.437		
1996	-	-	-	-	-	-	26.450	1.013	-	27.463	0.199	0.001	0.200	0.001	0.200	27.663		
1997	-	-	-	-	-	-	21.121	1.550	-	22.671	0.255	0.002	0.257	0.002	0.257	22.928		
1998	0.731	-	-	-	-	-	0.395	16.775	1.265	-	18.040	0.193	0.001	0.194	0.001	0.194	18.629	
1999	1.150	-	-	-	-	-	0.605	13.529	1.371	-	14.900	0.179	0.001	0.180	0.001	0.180	15.685	
2000	0.930	2.231	-	-	2.231	-	0.248	11.622	1.436	-	13.058	0.148	0.001	0.149	0.001	0.149	13.455	
2001	0.675	31.932	0.019	-	31.951	1.266	0.660	9.637	1.324	-	10.961	0.142	0.001	0.143	0.001	0.143	11.764	
2002	0.579	35.041	-	-	35.041	17.903	0.422	8.509	1.202	-	9.711	0.145	0.001	0.146	0.001	0.146	10.280	
2003	0.282	35.582	-	-	35.582	22.968	0.242	9.104	1.189	-	10.293	0.092	0.001	0.092	0.001	0.092	10.627	
2004	-	36.095	0.000	-	36.095	25.078	0.115	7.368	0.971	-	8.339	0.030	0.000	0.030	0.000	0.030	8.484	
2005	0.000	43.797	-	0.016	43.813	22.421	0.032	6.398	0.979	-	7.377	0.043	0.000	0.043	0.000	0.043	7.451	
2006	0.480	41.729	0.680	1.784	0.055	44.247	18.881	0.035	5.082	0.773	-	5.856	0.063	0.000	0.063	0.000	0.063	5.954
TOTAL	4.828	226.407	0.699	1.799	0.055	228.961	108.517	2.754	438.716	22.127	0.021	460.822	8.055	0.113	8.167	0.113	471.743	

Notes:

<sup>1</sup>AOGCC combined 1999 production volumes for Eider and Sag Delta North and reported these data in the "Ivishak Pool." Sag Delta North PA includes all oil and NGL production from Ivishak formation sands in the area. Eider also produces oil from the prolific Ivishak sandstone.

Table III.3 Oil Production-Historic

## North Slope (Millions of Barrels per Year)

	Prudhoe Bay Unit Initial Participating Areas (IPAs) and Satellites										
	Prudhoe Bay <sup>2</sup>				Midnight Sun	Polaris (Schrader Bluff)	Aurora	Borealis	Orion	Raven	TOTAL PBU IPAs + Satellites
	oil	ngl	inj	net	oil	oil	oil	oil	oil	oil	
1958	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-
1969	0.277	-	0.217	0.060	-	-	-	-	-	-	0.060
1970	1.193	-	0.879	0.314	-	-	-	-	-	-	0.314
1971	1.157	-	0.833	0.324	-	-	-	-	-	-	0.324
1972	0.922	-	0.792	0.130	-	-	-	-	-	-	0.130
1973	0.944	-	0.817	0.127	-	-	-	-	-	-	0.127
1974	2.170	-	1.640	0.530	-	-	-	-	-	-	0.530
1975	2.870	-	2.147	0.723	-	-	-	-	-	-	0.723
1976	4.604	-	3.611	0.993	-	-	-	-	-	-	0.993
1977	115.258	-	2.075	113.183	-	-	-	-	-	-	113.183
1978	397.679	-	-	397.679	-	-	-	-	-	-	397.679
1979	468.412	-	-	468.412	-	-	-	-	-	-	468.412
1980	555.394	0.254	-	555.648	-	-	-	-	-	-	555.648
1981	555.170	0.450	-	555.620	-	-	-	-	-	-	555.620
1982	558.889	0.500	-	559.389	-	-	-	-	-	-	559.389
1983	560.837	0.311	-	561.148	-	-	-	-	-	-	561.148
1984	561.952	0.317	-	562.269	-	-	-	-	-	-	562.269
1985	568.534	0.056	-	568.590	-	-	-	-	-	-	568.590
1986	561.538	0.230	-	561.768	-	-	-	-	-	-	561.768
1987	572.045	14.610	-	586.655	-	-	-	-	-	-	586.655
1988	559.412	19.274	-	578.686	-	-	-	-	-	-	578.686
1989	505.940	16.928	-	522.868	-	-	-	-	-	-	522.868
1990	470.140	16.094	-	486.234	-	-	-	-	-	-	486.234
1991	465.399	21.307	-	486.706	-	-	-	-	-	-	486.706
1992	432.587	23.902	-	456.489	-	-	-	-	-	-	456.489
1993	385.811	23.879	-	409.690	-	-	-	-	-	-	409.690
1994	351.493	22.825	-	374.318	-	-	-	-	-	-	374.318
1995	313.629	26.810	-	340.439	-	-	-	-	-	-	340.439
1996	282.060	30.549	-	312.609	-	-	-	-	-	-	312.609
1997	252.421	31.580	-	284.001	-	-	-	-	-	-	284.001
1998	221.781	30.983	-	252.764	0.061	-	-	-	-	-	252.825
1999	194.338	29.423	-	223.761	1.696	0.027	-	-	-	-	225.484
2000	187.056	30.145	-	217.200	1.441	0.414	0.261	-	-	-	219.317
2001	166.718	27.526	-	194.244	1.305	0.419	1.738	1.346	-	-	199.052
2002	150.975	26.640	-	177.615	3.157	0.766	2.397	8.439	0.097	-	192.471
2003	141.302	24.972	-	166.274	1.719	0.918	3.782	11.791	0.368	-	184.856
2004	127.610	25.629	-	153.239	1.641	0.995	3.219	9.274	1.844	-	170.213
2005	118.552	21.420	-	139.972	2.132	1.248	3.452	7.077	2.897	0.291	157.069
2006	91.498	19.266	-	110.764	2.083	0.822	3.813	5.737	2.482	0.626	126.327
TOTAL	10,908.567	485.879	13.011	11,381.435	15.237	5.608	18.663	43.663	7.688	0.917	11,473.215

Notes:

<sup>2</sup>Production for the Prudhoe Bay IPA includes oil and condensates and production from the Put River oil pool.

**Table III.3 Oil Production-Historic**  
**North Slope (Millions of Barrels per Year)**

	Greater Point McIntyre Area (GPMA)															TOTAL Prudhoe Bay Unit (IPA+Sats +GPMA)	
	Lisburne			Niakuk <sup>3</sup>			North Prudhoe Bay			Point McIntyre			West Beach				
	oil	ngl	net	oil	ngl	net	oil	ngl	net	oil	ngl	net	oil	ngl	net		
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.060	
1970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.314	
1971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.324	
1972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.130	
1973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.127	
1974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.530	
1975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.723	
1976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.993	
1977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113.183	
1978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	397.679	
1979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	468.412	
1980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	555.648	
1981	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-	0.002	
1982	0.208	-	0.208	-	-	-	-	-	-	-	-	-	-	-	-	0.208	
1983	0.087	-	0.087	-	-	-	-	-	-	-	-	-	-	-	-	0.087	
1984	0.294	-	0.294	-	-	-	-	-	-	-	-	-	-	-	-	0.294	
1985	1.123	-	1.123	-	-	-	-	-	-	-	-	-	-	-	-	1.123	
1986	3.594	-	3.594	-	-	-	-	-	-	-	-	-	-	-	-	3.594	
1987	16.199	0.458	16.657	-	-	-	-	-	-	-	-	-	-	-	-	16.657	
1988	15.095	1.008	16.103	-	-	-	-	-	-	-	-	-	-	-	-	16.103	
1989	13.737	1.093	14.830	-	-	-	-	-	-	-	-	-	-	-	-	14.830	
1990	14.669	1.204	15.873	-	-	-	-	-	-	-	-	-	-	-	-	15.873	
1991	13.316	1.337	14.653	-	-	-	-	-	-	-	-	-	-	-	-	14.653	
1992	12.517	1.464	13.981	-	-	-	-	-	-	-	-	-	-	-	-	13.981	
1993	8.473	1.277	9.750	-	-	-	0.418	0.015	0.433	7.543	0.090	7.633	0.724	0.009	0.733	18.549	
1994	6.846	0.939	7.785	3.383	0.028	3.411	0.727	0.031	0.758	37.684	0.548	38.232	0.512	0.012	0.524	50.710	
1995	5.454	0.823	6.277	7.004	0.077	7.081	0.702	0.034	0.736	50.225	0.679	50.904	0.163	0.005	0.168	65.166	
1996	4.465	0.674	5.139	10.937	0.108	11.045	0.126	0.003	0.129	57.926	0.825	58.751	0.474	0.025	0.499	75.563	
1997	3.002	0.416	3.418	10.265	0.136	10.401	-	-	-	58.498	1.042	59.540	0.319	0.027	0.346	73.705	
1998	2.468	0.331	2.799	10.356	0.128	10.484	0.001	0.001	0.002	47.553	1.009	48.562	0.096	0.006	0.102	61.949	
1999	2.203	0.326	2.529	9.857	0.131	9.988	0.008	0.001	0.009	33.460	0.831	34.291	0.603	0.067	0.670	47.486	
2000	3.203	0.601	3.804	7.336	0.101	7.437	0.003	0.001	0.003	23.737	0.675	24.413	0.401	0.053	0.454	36.111	
2001	3.054	0.622	3.675	6.978	0.109	7.087	-	-	-	18.094	0.600	18.693	0.110	0.014	0.125	29.580	
2002	3.065	0.484	3.549	5.814	0.055	5.868	-	-	-	14.744	0.472	15.216	0.004	0.000	0.004	24.638	
2003	3.335	0.480	3.816	4.599	0.039	4.638	-	-	-	13.320	0.518	13.838	0.010	0.001	0.011	22.302	
2004	3.300	0.373	3.673	3.803	0.044	3.848	-	-	-	13.322	0.744	14.066	0.005	0.000	0.005	21.592	
2005	3.050	0.320	3.370	2.621	0.048	2.670	0.001	0.000	0.001	11.789	0.844	12.633	0.001	0.000	0.001	18.675	
2006	3.224	0.469	3.693	1.677	0.040	1.717	-	-	-	7.735	0.364	8.100	-	-	-	13.510	
TOTAL	145.982	14.700	160.682	84.631	1.044	85.675	1.985	0.086	2.071	395.631	9.241	404.871	3.421	0.220	3.641	656.941	
																12,130.152	

Notes:

<sup>3</sup>Niakuk production volumes for 1994-1998 include production from all Niakuk wells. AOGCC lists 1999 volumes as "Niakuk Pool."

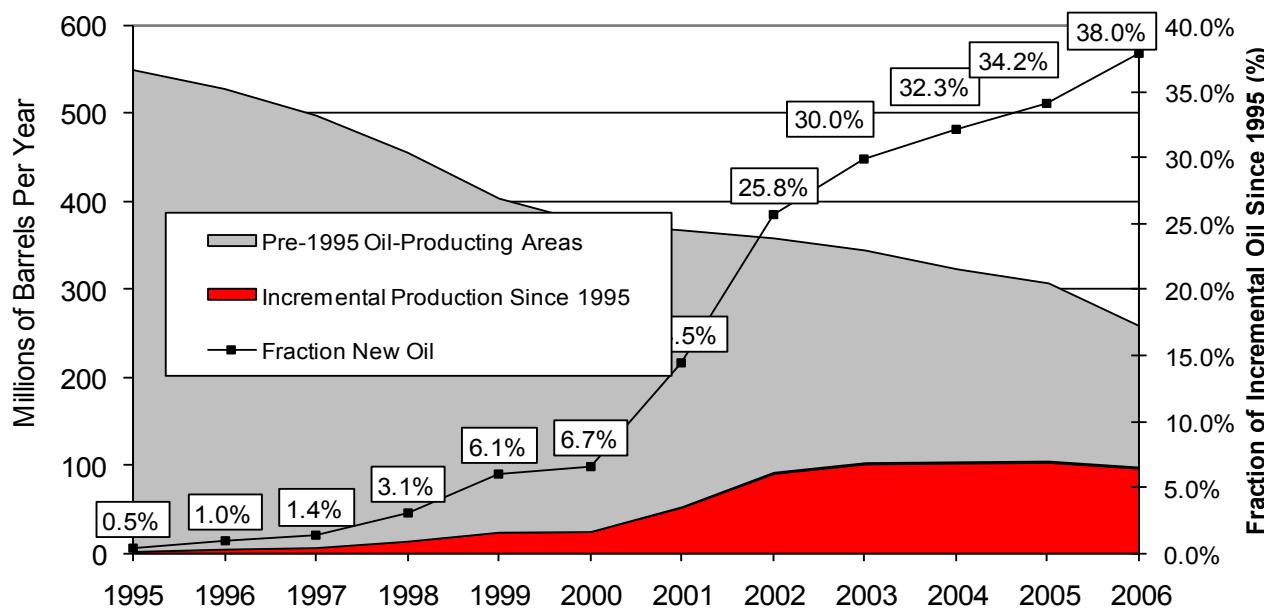
Table III.3 Oil Production-Historic

## North Slope (Millions of Barrels per Year)

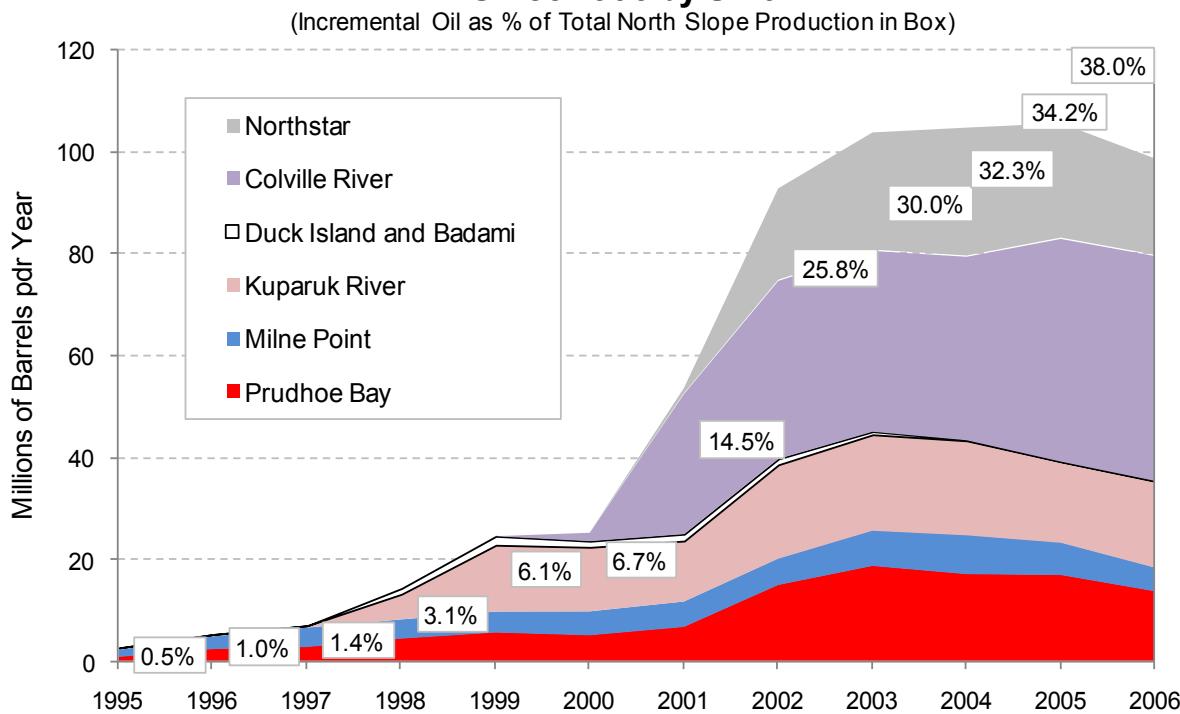
	Kuparuk River Unit												Milne Point Unit				TOTAL OIL	TOTAL NGL	TOTAL INJECT- ED	TOTAL NET
	Kuparuk			Tabasco	Tarn	West Sak	Melt- water	TOTAL Kuparuk River Unit	Kuparuk	Sag River	Schrader Bluff	TOTAL Milne Point Unit								
	oil	ngl	net	oil	oil	oil	oil		oil	oil	oil									
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1969	-	-	-	-	-	-	-	-	-	-	-	-	0.277	-	0.217	0.060	-	-		
1970	0.006	-	0.006	-	-	-	-	0.006	-	-	-	-	1.199	-	0.879	0.320	-	-		
1971	-	-	-	-	-	-	-	-	-	-	-	-	1.157	-	0.833	0.324	-	-		
1972	-	-	-	-	-	-	-	-	-	-	-	-	0.922	-	0.792	0.130	-	-		
1973	-	-	-	-	-	-	-	-	-	-	-	-	0.944	-	0.817	0.127	-	-		
1974	-	-	-	-	-	-	-	-	-	-	-	-	2.170	-	1.640	0.530	-	-		
1975	-	-	-	-	-	-	-	-	-	-	-	-	2.870	-	2.147	0.723	-	-		
1976	-	-	-	-	-	-	-	-	-	-	-	-	4.604	-	3.611	0.993	-	-		
1977	-	-	-	-	-	-	-	-	-	-	-	-	115.258	-	2.075	113.183	-	-		
1978	-	-	-	-	-	-	-	-	-	-	-	-	397.679	-	-	397.679	-	-		
1979	-	-	-	-	-	-	-	-	-	-	-	-	468.412	-	-	468.412	-	-		
1980	-	-	-	-	-	-	-	-	-	-	-	-	555.394	0.254	-	555.648	-	-		
1981	1.092	-	1.092	-	-	-	-	1.092	-	-	-	-	556.264	0.450	-	556.714	-	-		
1982	32.406	-	32.406	-	-	-	-	32.406	-	-	-	-	591.503	0.500	-	592.003	-	-		
1983	39.876	-	39.876	-	-	0.006	-	39.882	-	-	-	-	600.806	0.311	-	601.117	-	-		
1984	46.084	-	46.084	-	-	0.124	-	46.208	-	-	-	-	608.454	0.317	-	608.771	-	-		
1985	78.926	0.761	79.687	-	-	0.326	-	80.013	0.704	-	-	-	649.613	0.817	-	650.430	-	-		
1986	93.900	1.072	94.972	-	-	0.300	-	95.272	4.709	-	-	-	664.052	1.302	0.007	665.347	-	-		
1987	102.448	1.257	103.705	-	-	-	-	103.705	0.040	-	-	-	699.528	16.328	0.014	715.842	-	-		
1988	110.891	0.256	111.147	-	-	-	-	111.147	-	-	-	-	722.839	21.030	-	743.869	-	-		
1989	109.770	-	109.770	-	-	-	-	109.770	3.715	-	-	-	3.715	669.257	18.865	-	688.122	-		
1990	107.206	-	107.206	-	-	-	-	107.206	6.624	-	0.004	6.628	636.366	18.171	-	654.537	-	-		
1991	113.571	-	113.571	-	-	-	-	113.571	6.701	-	0.756	7.457	641.048	23.862	-	664.910	-	-		
1992	118.506	-	118.506	-	-	-	-	118.506	5.812	-	1.135	6.947	612.162	26.845	-	639.007	-	-		
1993	115.166	-	115.166	-	-	-	-	115.166	5.704	-	1.060	6.764	564.093	26.828	-	590.921	-	-		
1994	111.795	-	111.795	-	-	-	-	111.795	5.648	-	1.030	6.678	553.402	25.867	-	579.269	-	-		
1995	106.999	-	106.999	-	-	-	-	106.999	7.352	0.173	1.167	8.692	526.101	29.632	-	555.733	-	-		
1996	99.459	-	99.459	-	-	-	-	99.459	12.665	0.346	1.090	14.101	496.197	33.198	-	529.395	-	-		
1997	95.970	-	95.970	-	-	0.001	-	95.971	17.055	0.363	1.536	18.954	460.806	34.753	-	495.559	-	-		
1998	91.702	-	91.702	0.483	3.534	0.562	-	96.281	18.314	0.162	1.943	20.419	417.110	33.724	-	450.834	-	-		
1999	82.394	-	82.394	1.920	9.541	1.190	-	95.045	17.488	0.018	2.178	19.684	372.383	32.151	-	404.534	-	-		
2000	74.133	-	74.133	1.911	8.767	1.520	-	86.330	16.572	-	2.498	19.069	344.431	33.013	-	377.444	-	-		
2001	68.265	-	68.265	1.318	8.052	1.998	0.149	79.782	15.273	0.248	3.818	19.339	343.213	30.195	-	373.408	-	-		
2002	58.903	-	58.903	1.089	12.011	2.472	2.902	77.378	13.314	0.130	5.219	18.663	348.098	28.854	-	376.952	-	-		
2003	58.536	-	58.536	1.542	12.343	2.857	2.125	77.402	11.604	0.101	7.001	18.707	345.527	27.200	-	372.727	-	-		
2004	53.215	-	53.215	1.471	10.337	4.281	2.478	71.781	10.996	0.048	7.693	18.737	324.218	27.762	-	351.980	-	-		
2005	50.442	-	50.442	1.531	8.085	4.175	2.103	66.336	9.508	0.088	6.408	16.004	308.159	23.612	-	331.771	-	-		
2006	45.503	-	45.503	1.418	7.555	6.617	1.390	62.482	8.496	0.102	4.685	13.284	264.252	20.914	-	285.166	-	-		
TOTAL	2,067.164	3.346	2,070.510	12.682	80.226	26.428	11.146	2,200.992	198.294	1.780	49.221	249.294	14,870.768	536.755	13.032	15,394.491	-	-		

Source: Alaska Oil and Gas Conservation Commission, "Alaska Production Summary by Field and Pool" (Monthly Reports).

**Figure III.1A North Slope Production:  
Pre-1995 Vs Incremental Since 1995**



**Figure III.1B Incremental North Slope Oil Production  
Since 1995 by Unit**



**Table III.4**      **Oil Production-Historic**  
**Cook Inlet (Millions of Barrels per Year)**

	Beaver Creek	Cannery Loop <sup>1</sup>	Granite Point <sup>2</sup>	Kenai <sup>1</sup>	McArthur River <sup>3</sup>			Middle Ground Shoal <sup>4</sup>	North Trading Bay Unit <sup>5</sup>	Redoubt Shoal
	oil	ngl	oil	ngl	oil	ngl	net	oil	oil	oil
1958	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-
1965	-	0.002	-	0.001	-	0.001	0.027	-	-	-
1966	-	-	-	0.003	-	0.003	2.649	-	-	-
1967	-	7.052	-	0.749	-	0.749	7.404	0.002	-	-
1968	-	13.131	-	21.782	-	21.782	14.134	0.185	0.002	-
1969	-	9.183	0.002	31.301	-	31.301	10.467	4.310	-	-
1970	-	7.522	0.002	40.165	0.426	40.591	12.719	3.265	-	-
1971	-	5.577	0.001	40.537	0.593	41.130	11.304	2.029	-	-
1972	0.002	-	4.663	0.002	40.774	0.570	41.344	9.719	2.553	-
1973	0.416	-	4.767	0.001	38.884	0.661	39.545	10.239	2.022	-
1974	0.375	-	4.237	-	39.145	0.654	39.799	9.001	2.127	-
1975	0.322	-	4.361	0.001	40.876	0.644	41.520	8.670	1.530	-
1976	0.302	-	4.471	0.001	35.810	0.653	36.463	8.864	1.096	-
1977	0.276	-	4.711	-	33.235	0.733	33.968	7.617	0.970	-
1978	0.223	-	4.867	0.001	30.223	0.730	30.953	6.382	0.797	-
1979	0.211	-	4.613	-	25.440	0.541	25.981	5.545	0.609	-
1980	0.214	-	4.394	-	20.894	0.412	21.306	4.854	0.372	-
1981	0.180	-	3.975	-	18.022	0.484	18.506	4.291	0.235	-
1982	0.182	-	3.467	-	15.806	0.449	16.255	3.573	0.132	-
1983	0.170	-	3.550	-	13.564	0.332	13.896	3.381	0.117	-
1984	0.159	-	3.287	-	11.707	0.317	12.024	3.238	0.080	-
1985	0.146	-	3.052	-	7.454	0.194	7.648	3.098	0.113	-
1986	0.158	-	3.169	-	7.942	0.228	8.170	3.211	0.220	-
1987	0.185	-	2.803	-	7.375	0.196	7.571	2.834	0.246	-
1988	0.141	-	2.677	-	7.143	0.162	7.305	2.742	0.195	-
1989	0.227	-	2.275	-	6.955	-	6.955	2.769	0.179	-
1990	0.212	-	1.462	-	4.265	-	4.265	2.688	0.121	-
1991	0.179	-	2.064	-	7.247	-	7.247	2.670	0.168	-
1992	0.175	-	2.522	-	7.397	-	7.397	2.423	0.030	-
1993	0.153	-	2.488	-	6.636	-	6.636	2.160	-	-
1994	0.140	<.001	2.209	-	7.091	-	7.091	2.785	-	-
1995	0.132	<.001	2.580	-	6.622	-	6.622	2.823	-	-
1996	0.125	<.001	2.556	-	6.102	-	6.102	2.396	-	-
1997	0.119	-	2.432	-	5.059	-	5.059	2.223	-	-
1998	0.103	-	2.079	-	4.817	-	4.817	2.156	-	-
1999	0.100	-	1.787	-	4.697	-	4.697	1.968	-	-
2000	0.092	-	1.742	-	4.822	-	4.822	1.894	-	0.002
2001	0.085	-	1.620	-	5.353	-	5.353	2.032	-	0.001
2002	0.079	-	1.527	-	5.510	-	5.510	1.959	-	0.046
2003	0.076	-	1.440	-	4.323	-	4.323	1.497	-	0.911
2004	0.068	-	1.433	-	3.373	-	3.373	1.323	-	0.559
2005	0.061	-	1.263	-	2.895	-	2.895	1.318	-	0.312
2006	0.077	-	1.094	-	2.504	-	2.504	1.192	-	0.262
TOTAL	5.866	-	144.106	0.011	624.500	8.979	633.479	194.239	23.703	2.096

Notes:

<sup>1</sup> These gas fields temporarily produced NGLs.

<sup>2</sup> Includes Middle Kenai and Undefined Hemlock pools.

<sup>3</sup> Includes Hemlock, Middle Kenai G, and West Foreland Pools.

<sup>4</sup> Includes A, B, C, D, E, F, and G pools. XTO Energy produces oil from "A" and "C" Platforms. All production is suspended at Baker and Dillon Platforms on the north and south flanks of the field.

<sup>5</sup> North Trading Bay Unit/Field Spark and Spurr Platform oil production has been shut-in since 1992, but some gas is produced from Spark.

**Table III.4**      **Oil Production-Historic**  
**Cook Inlet (Millions of Barrels per Year)**

	COOK INLET										
	Swanson River <sup>5</sup>			Trading Bay <sup>6</sup>			West McArthur River	TOTAL OIL	TOTAL NGL	TOTAL	
	oil	ngl	net	oil	ngl	net					
1958	0.036	-	0.036	-	-	-	-	0.036	-	0.036	
1959	0.187	-	0.187	-	-	-	-	0.187	-	0.187	
1960	0.558	-	0.558	-	-	-	-	0.558	-	0.558	
1961	6.327	-	6.327	-	-	-	-	6.327	-	6.327	
1962	10.259	-	10.259	-	-	-	-	10.259	-	10.259	
1963	10.740	-	10.740	-	-	-	-	10.740	-	10.740	
1964	11.054	-	11.054	-	-	-	-	11.054	-	11.054	
1965	11.099	-	11.099	0.002	-	0.002	-	11.131	-	11.131	
1966	11.712	-	11.712	-	-	-	-	14.364	-	14.364	
1967	12.980	-	12.980	0.727	-	0.727	-	28.914	-	28.914	
1968	13.619	0.004	13.623	3.292	-	3.292	-	66.145	0.004	66.149	
1969	13.151	0.070	13.221	5.626	-	5.626	-	74.038	0.072	74.110	
1970	12.408	0.063	12.471	6.335	0.039	6.374	-	82.414	0.530	82.944	
1971	11.466	0.077	11.543	6.714	0.039	6.753	-	77.627	0.710	78.337	
1972	8.896	0.012	8.908	6.033	0.025	6.058	-	72.640	0.609	73.249	
1973	10.064	0.098	10.162	5.803	0.051	5.854	-	72.195	0.811	73.006	
1974	9.765	0.096	9.861	5.425	0.043	5.468	-	70.075	0.793	70.868	
1975	8.754	0.089	8.843	4.598	0.031	4.629	-	69.111	0.765	69.876	
1976	7.591	0.090	7.681	4.270	0.026	4.296	-	62.404	0.770	63.174	
1977	5.981	0.086	6.067	3.306	0.044	3.350	-	56.096	0.863	56.959	
1978	4.870	0.065	4.935	2.770	0.019	2.789	-	50.132	0.815	50.947	
1979	4.344	0.080	4.424	2.284	0.014	2.298	-	43.046	0.635	43.681	
1980	3.724	0.064	3.788	1.794	0.006	1.800	-	36.246	0.482	36.728	
1981	2.938	0.048	2.986	1.435	0.005	1.440	-	31.076	0.537	31.613	
1982	2.999	0.048	3.047	1.251	0.002	1.253	-	27.410	0.499	27.909	
1983	3.017	0.045	3.062	0.964	0.004	0.968	-	24.763	0.381	25.144	
1984	2.517	0.039	2.556	0.995	0.005	1.000	-	21.983	0.361	22.344	
1985	2.165	0.026	2.191	0.915	0.004	0.919	-	16.943	0.224	17.167	
1986	2.055	0.054	2.109	0.826	0.002	0.828	-	17.581	0.284	17.865	
1987	2.059	0.030	2.089	0.689	0.001	0.690	-	16.191	0.227	16.418	
1988	2.127	0.033	2.160	0.691	-	0.691	-	15.716	0.195	15.911	
1989	1.875	0.024	1.899	1.085	-	1.085	-	15.365	0.024	15.389	
1990	1.878	0.019	1.897	0.522	-	0.522	-	11.148	0.019	11.167	
1991	1.962	0.023	1.985	1.048	-	1.048	0.002	15.340	0.023	15.363	
1992	1.773	0.019	1.792	0.856	-	0.856	0.002	15.178	0.019	15.197	
1993	1.576	0.018	1.594	0.742	-	0.742	0.098	13.853	0.018	13.871	
1994	1.672	0.023	1.695	0.743	-	0.743	0.921	15.561	0.023	15.584	
1995	1.712	0.017	1.729	0.722	-	0.722	0.922	15.513	0.017	15.530	
1996	1.521	0.019	1.540	0.589	-	0.589	1.296	14.585	0.019	14.604	
1997	1.065	0.012	1.077	0.602	-	0.602	0.645	12.145	0.012	12.157	
1998	0.911	0.009	0.920	0.700	-	0.700	1.037	11.803	0.009	11.812	
1999	0.794	-	0.794	0.645	-	0.645	0.914	10.905	-	10.905	
2000	0.638	-	0.638	0.637	-	0.637	0.893	10.720	-	10.720	
2001	0.609	-	0.609	0.574	-	0.574	1.222	11.497	-	11.497	
2002	0.477	-	0.477	0.666	-	0.666	1.018	11.284	-	11.284	
2003	0.425	-	0.425	0.537	-	0.537	0.849	10.059	-	10.059	
2004	0.320	-	0.320	0.462	-	0.462	0.669	8.208	-	8.208	
2005	0.330	-	0.330	0.414	-	0.414	0.517	7.110	-	7.110	
2006	0.262	-	0.262	0.311	-	0.311	0.437	6.140	-	6.140	
TOTAL	229.263	1.400	230.663	78.600	0.360	78.960	11.443	1,313.815	10.750	1,324.565	

Notes:

<sup>5</sup> Includes Hemlock pool.

<sup>6</sup> Includes Hemlock, Undefined, and B, C, D, and E pools.

Source: Alaska Oil and Gas Conservation Commission, "Alaska Production Summary by Field and Pool" (monthly reports) and Alaska Department of Revenue.

Table III.5 Gas Production-Historic

## North Slope (Billion Cubic Feet per Year)

	Badami			Barrow			Colville River								
	Badami			East Barrow	South Barrow	Walakpa	Alpine			Nanuq			Fiord	Qannik	TOTAL Colville
	gas	inj	net	gas	gas	gas	gas	inj	net	gas	inj	net	gas	gas	
1958	-	-	-	-	-	0.119	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	0.132	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	0.172	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	0.172	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	0.197	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	0.211	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	0.249	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	0.389	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	0.438	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	0.475	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	0.504	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	0.582	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	0.619	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	0.627	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	0.675	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	0.707	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	0.765	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	0.799	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	0.832	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	0.879	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	0.893	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	0.913	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	1.027	-	-	-	-	-	-	-	-	-
1981	-	-	-	0.037	1.009	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	0.717	0.532	-	-	-	-	-	-	-	-	-	-
1983	-	-	-	0.689	0.541	-	-	-	-	-	-	-	-	-	-
1984	-	-	-	0.693	0.650	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	0.632	0.678	-	-	-	-	-	-	-	-	-	-
1986	-	-	-	0.589	0.589	-	-	-	-	-	-	-	-	-	-
1987	-	-	-	0.590	0.622	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	0.661	0.598	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	0.475	0.758	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	0.488	0.733	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	0.583	0.662	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	0.439	0.628	0.252	-	-	-	-	-	-	-	-	-
1993	-	-	-	0.259	0.441	0.585	-	-	-	-	-	-	-	-	-
1994	-	-	-	0.223	0.261	0.858	-	-	-	-	-	-	-	-	-
1995	-	-	-	0.099	0.052	1.109	-	-	-	-	-	-	-	-	-
1996	-	-	-	0.064	0.051	1.160	-	-	-	-	-	-	-	-	-
1997	-	-	-	0.114	0.041	1.126	-	-	-	-	-	-	-	-	-
1998	0.459	0.005	0.454	0.146	0.081	1.110	-	-	-	-	-	-	-	-	-
1999	1.693	1.718	-0.025	0.123	0.055	1.281	-	-	-	-	-	-	-	-	-
2000	4.557	4.020	0.537	0.090	0.037	1.352	2.091	-	2.091	-	-	-	-	-	2.091
2001	5.312	0.479	4.834	0.086	0.042	1.348	33.604	-	33.604	-	-	-	-	-	33.604
2002	7.172	6.126	1.045	0.093	0.061	1.251	39.872	35.009	4.863	0.298	-	-	-	-	4.863
2003	3.698	3.363	0.335	0.093	0.089	1.235	41.594	36.315	5.279	-	-	-	-	-	5.279
2004	-	-	-	0.101	0.069	1.245	44.728	39.014	5.714	0.001	-	0.001	-	-	5.716
2005	1.120	0.959	0.161	0.080	0.053	1.255	49.433	43.112	6.321	-	-	-	-	-	6.321
2006	4.202	3.732	0.470	0.018	0.101	1.244	50.607	46.168	4.439	0.466	-	0.466	1.112	0.051	6.067
TOTAL	28.213	20.402	7.811	8.181	22.640	16.411	261.928	199.618	62.311	0.765	-	0.467	1.112	0.051	63.940

Table III.5 Gas Production-Historic

**North Slope (Billion Cubic Feet per Year)**

	Duck Island						TOTAL Duck Island	Midnight Sun	Prudhoe Bay Satellites						Raven						
	Eider			Endicott <sup>1</sup>					Aurora			Borealis			Orion			Polaris			
	gas	inj	net	gas	inj	net	gas	gas	inj	net	gas	inj	net	gas	inj	net	gas	inj	net	gas	
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1986	-	-	-	0.195	-	0.195	-	0.195	-	-	-	-	-	-	-	-	-	-	-	-	
1987	-	-	-	8.237	5.615	2.622	-	2.622	-	-	-	-	-	-	-	-	-	-	-	-	
1988	-	-	-	34.834	28.023	6.811	-	6.811	-	-	-	-	-	-	-	-	-	-	-	-	
1989	-	-	-	41.194	33.033	8.161	0.236	8.397	-	-	-	-	-	-	-	-	-	-	-	-	
1990	-	-	-	42.490	35.523	6.967	1.416	8.383	-	-	-	-	-	-	-	-	-	-	-	-	
1991	-	-	-	60.246	51.136	9.110	2.347	11.457	-	-	-	-	-	-	-	-	-	-	-	-	
1992	-	-	-	97.047	85.082	11.965	0.703	12.668	-	-	-	-	-	-	-	-	-	-	-	-	
1993	-	-	-	120.116	100.682	19.434	0.529	19.963	-	-	-	-	-	-	-	-	-	-	-	-	
1994	-	-	-	116.810	102.534	14.276	0.259	14.535	-	-	-	-	-	-	-	-	-	-	-	-	
1995	-	-	-	127.191	113.839	13.352	0.152	13.504	-	-	-	-	-	-	-	-	-	-	-	-	
1996	-	-	-	123.968	111.638	12.330	0.099	12.429	-	-	-	-	-	-	-	-	-	-	-	-	
1997	-	-	-	124.737	111.495	13.242	0.157	13.399	-	-	-	-	-	-	-	-	-	-	-	-	
1998	2.122	-	2.122	119.981	109.440	10.541	0.122	12.785	0.130	-	-	-	-	-	-	-	-	-	-	-	
1999	4.879	-	4.879	126.274	116.944	9.331	0.120	14.329	3.781	-	-	-	-	-	-	-	-	-	-	-	
2000	2.428	-	2.428	140.704	128.599	12.105	0.095	14.628	9.288	1.083	-	1.083	-	-	-	-	-	-	-	-	
2001	6.494	-	6.494	134.122	125.915	8.208	0.093	14.794	6.750	12.052	-	12.052	0.936	-	-	-	-	-	-	-	
2002	3.658	-	3.658	134.693	124.402	10.291	0.096	14.044	9.879	12.609	3.486	9.123	9.681	-	-	0.058	-	-	1.182	-	
2003	2.813	-	2.813	141.556	129.458	12.098	0.064	14.975	3.500	11.971	0.357	11.614	9.466	-	-	0.312	-	-	1.000	-	
2004	0.930	-	0.930	130.206	117.797	12.410	0.020	13.359	6.191	9.869	5.395	4.474	6.997	-	-	1.624	-	-	0.993	-	
2005	1.160	-	1.160	139.143	126.081	13.062	0.032	14.254	5.759	8.663	3.007	5.656	5.610	2.342	3.268	3.703	-	-	1.280	-	
2006	2.003	-	2.003	121.004	110.356	10.647	0.046	12.696	3.697	11.460	3.866	7.594	5.801	11.467	-5.666	1.784	0.150	1.634	0.852	0.388	
TOTAL	26.486	-	26.486	2,084.748	1,867.590	217.157	6.585	250.228	48.974	67.705	16.111	51.595	38.491	13.808	-2.398	7.482	0.150	1.634	5.307	0.388	
																				4.291	

Table III.5 Gas Production-Historic

## North Slope (Billion Cubic Feet per Year)

	Prudhoe Bay Initial Oil PA			Total Prudhoe Bay IPA & Satellites	Greater Point McIntyre Area (GPMA) <sup>1</sup>												TOTAL Prudhoe Bay Unit		
	Prudhoe Bay <sup>2</sup>				Lisburne			Niakuk <sup>2</sup>	North Prudhoe Bay			Point McIntyre			West Beach			TOTAL GPMA	
	gas	inj	net		gas	inj	net		gas	gas	gas	gas	inj	net	gas	inj	net		
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1969	0.243	-	0.243	0.243	-	-	-	-	-	-	-	-	-	-	-	-	0.243		
1970	1.037	-	1.037	1.037	-	-	-	-	-	-	-	-	-	-	-	-	1.037		
1971	0.889	-	0.889	0.889	-	-	-	-	-	-	-	-	-	-	-	-	0.889		
1972	0.658	-	0.658	0.658	-	-	-	-	-	-	-	-	-	-	-	-	0.658		
1973	0.699	-	0.699	0.699	-	-	-	-	-	-	-	-	-	-	-	-	0.699		
1974	2.022	-	2.022	2.022	-	-	-	-	-	-	-	-	-	-	-	-	2.022		
1975	3.046	-	3.046	3.046	-	-	-	-	-	-	-	-	-	-	-	-	3.046		
1976	5.077	-	5.077	5.077	-	-	-	-	-	-	-	-	-	-	-	-	5.077		
1977	94.936	68.118	26.818	26.818	-	-	-	-	-	-	-	-	-	-	-	-	26.818		
1978	307.966	271.854	36.112	36.112	-	-	-	-	-	-	-	-	-	-	-	-	36.112		
1979	432.475	390.136	42.339	42.339	-	-	-	-	-	-	-	-	-	-	-	-	42.339		
1980	597.148	546.510	50.638	50.638	-	-	-	-	-	-	-	-	-	-	-	-	50.638		
1981	647.768	595.106	52.662	52.662	0.003	-	0.003	-	-	-	-	-	-	-	-	-	0.003		
1982	756.884	697.812	59.072	59.072	0.374	-	0.374	-	-	-	-	-	-	-	-	-	0.374		
1983	818.993	754.044	64.949	64.949	0.154	-	0.154	-	-	-	-	-	-	-	-	-	0.154		
1984	846.674	768.899	77.775	77.775	0.343	-	0.343	-	-	-	-	-	-	-	-	-	0.343		
1985	936.613	846.786	89.827	89.827	1.902	-	1.902	-	-	-	-	-	-	-	-	-	1.902		
1986	970.290	882.882	87.408	87.408	8.677	-	8.677	-	-	-	-	-	-	-	-	-	8.677		
1987	1,228.527	1,105.023	123.504	123.504	64.906	56.741	8.165	-	-	-	-	-	-	-	-	-	8.165		
1988	1,404.992	1,248.094	156.898	156.898	94.670	87.815	6.855	-	-	-	-	-	-	-	-	-	6.855		
1989	1,412.853	1,244.284	168.569	168.569	104.746	102.248	2.498	-	-	-	-	-	-	-	-	-	2.498		
1990	1,481.462	1,317.106	164.356	164.356	107.592	101.542	6.050	-	-	-	-	-	-	-	-	-	6.050		
1991	1,768.837	1,583.472	185.365	185.365	124.360	112.457	11.903	-	-	-	-	-	-	-	-	-	11.903		
1992	1,951.156	1,761.397	189.759	189.759	154.468	141.598	12.870	-	-	-	-	-	-	-	-	-	12.870		
1993	2,116.808	1,921.633	195.175	195.175	130.882	122.991	7.891	-	1.103	5.392	3.979	1.413	0.592	-	0.592	10.999	206.174		
1994	2,402.584	2,204.235	198.349	198.349	101.260	99.748	1.512	2.471	2.646	38.795	34.461	4.334	1.119	-	1.119	12.082	210.431		
1995	2,716.959	2,497.702	219.257	219.257	80.866	104.272	-23.406	7.241	2.482	46.637	21.687	24.950	0.446	-	0.446	11.713	230.970		
1996	2,750.907	2,535.603	215.304	215.304	67.013	93.000	-25.987	8.757	0.206	56.584	30.444	26.140	2.720	-	2.720	11.836	227.140		
1997	2,794.735	2,577.617	217.118	217.118	39.999	75.249	-35.250	10.523	-	70.009	35.945	34.064	2.739	-	2.739	12.076	229.194		
1998	2,801.402	2,588.527	212.875	213.005	33.111	50.399	-17.288	8.381	0.018	70.828	49.276	21.552	0.545	-	0.545	13.208	226.213		
1999	2,772.147	2,566.580	205.567	209.360	33.214	52.187	-18.973	8.469	0.114	62.586	41.672	20.915	4.452	-	4.452	14.976	219.884		
2000	2,913.985	2,716.721	197.265	207.953	52.322	62.621	-10.299	5.069	0.049	57.664	43.549	14.115	5.638	-	5.638	14.572	216.887		
2001	2,757.974	2,577.173	180.801	200.539	57.490	55.529	1.961	5.836	-	56.251	43.549	12.702	1.453	-	1.453	21.952	221.038		
2002	2,761.753	2,570.664	191.090	211.199	63.745	52.214	11.531	4.287	-	57.465	55.078	2.387	0.048	2.606	-2.558	15.647	226.846		
2003	2,840.910	2,617.182	223.728	249.619	66.748	52.165	14.583	3.386	-	51.777	64.363	-12.587	0.201	-	0.201	5.584	255.203		
2004	2,885.902	2,651.341	234.562	254.219	56.340	48.826	7.514	3.022	-	64.808	72.967	-8.159	0.059	-	0.059	2.436	256.655		
2005	2,823.514	2,602.692	220.822	241.503	57.695	42.929	14.765	2.481	0.035	76.822	74.727	2.095	0.017	-	0.017	19.393	260.896		
2006	2,444.835	2,230.128	214.707	225.706	65.652	38.448	27.204	2.259	-	42.234	61.106	-18.872	-	-	10.592	236.298			
TOTAL	53,455.661	48,939.320	4,516.341	4,648.029	1,568.532	1,552.979	15.553	72.183	6.652	757.851	632.803	125.048	20.030	2.606	17.424	236.860	4,873.345		

**Notes:**

<sup>1</sup>Liquids from the Greater Point McIntyre Area flows to both the Lisburne Production Center (LPC) and the Prudhoe Bay Field facilities. At the LPC gas from these liquids is returned and reinjected into the GPMA fields. Consequently, production and injection data may appear to be anomalous.

<sup>2</sup>Niakuk production volumes for 1994-1999 include production from all Niakuk wells. AOGCC lists 1999 volumes as "Niakuk Pool."

Table III.5 Gas Production-Historic

## North Slope (Billion Cubic Feet per Year)

	Kuparuk River Unit												TOTAL Kuparuk River Unit	
	Kuparuk			Tabasco	Tarn			West Sak <sup>1</sup>			Meltwater			
	gas	inj	net	gas	gas	inj	net	gas	inj	net	gas	inj	net	
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	0.615	-	0.615	-	-	-	-	-	-	-	-	-	-	0.615
1982	22.989	17.822	5.167	-	-	-	-	-	-	-	-	-	-	5.167
1983	44.391	38.277	6.114	-	-	-	-	0.005	-	-	-	-	-	6.114
1984	57.389	47.930	9.459	-	-	-	-	0.079	-	-	-	-	-	9.459
1985	104.279	85.909	18.370	-	-	-	-	0.134	-	-	-	-	-	18.370
1986	114.889	90.449	24.440	-	-	-	-	0.108	-	-	-	-	-	24.440
1987	125.089	89.191	35.898	-	-	-	-	-	-	-	-	-	-	35.898
1988	119.883	87.906	31.977	-	-	-	-	-	-	-	-	-	-	31.977
1989	107.519	83.323	24.196	-	-	-	-	-	-	-	-	-	-	24.196
1990	116.579	91.273	25.306	-	-	-	-	-	-	-	-	-	-	25.306
1991	123.207	95.982	27.225	-	-	-	-	-	-	-	-	-	-	27.225
1992	122.767	96.625	26.142	-	-	-	-	-	-	-	-	-	-	26.142
1993	120.599	94.339	26.260	-	-	-	-	-	-	-	-	-	-	26.260
1994	120.273	93.288	26.985	-	-	-	-	-	-	-	-	-	-	26.985
1995	112.418	84.317	28.101	-	-	-	-	-	-	-	-	-	-	28.101
1996	107.811	83.632	24.179	-	-	-	-	-	-	-	-	-	-	24.179
1997	105.644	85.893	19.751	-	-	-	-	-	-	-	-	-	-	19.751
1998	117.517	103.604	13.913	0.112	4.476	1.195	3.281	0.213	-	-	-	-	-	17.306
1999	117.193	98.330	18.863	0.305	13.395	16.502	-3.107	0.385	-	-	-	-	-	16.061
2000	109.638	97.762	11.875	0.203	17.777	16.552	1.225	0.399	-	-	-	-	-	13.304
2001	105.305	91.823	13.482	0.180	15.538	15.039	0.499	0.429	-	-	0.081	-	0.081	14.241
2002	100.938	81.157	19.782	0.159	13.101	16.755	-3.654	0.635	-	0.635	4.145	6.345	-2.200	14.721
2003	107.454	86.331	21.123	0.188	12.835	18.430	-5.596	0.813	0.171	0.642	5.595	5.562	0.033	16.391
2004	101.523	78.363	23.160	0.183	14.284	17.357	-3.073	2.069	0.121	1.948	7.322	11.596	-4.274	17.944
2005	97.292	71.011	26.281	0.345	13.366	19.331	-5.965	2.743	0.067	2.676	5.368	6.778	-1.410	21.927
2006	90.407	73.013	17.394	0.335	12.286	16.086	-3.800	5.079	0.088	4.990	4.278	4.108	0.170	19.090
TOTAL	2,573.609	2,047.550	526.059	2.009	117.059	137.248	-20.189	13.091	0.447	10.892	26.789	34.389	-7.600	511.170

Table III.5 Gas Production-Historic

## North Slope (Billion Cubic Feet per Year)

	Milne Point Unit												Northstar			NORTH SLOPE		
	Kuparuk River PA			Sag River			Schrader Bluff			TOTAL Milne Point Unit	Northstar Oil Reservoir <sup>1</sup>			TOTAL GAS	TOTAL INJECTED	TOTAL NET		
	gas	inj	net	gas	inj	net	gas	inj	net		gas	inj	net					
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	0.119	-	0.119		
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	0.132	-	0.132		
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	0.172	-	0.172		
1961	-	-	-	-	-	-	-	-	-	-	-	-	-	0.172	-	0.172		
1962	-	-	-	-	-	-	-	-	-	-	-	-	-	0.197	-	0.197		
1963	-	-	-	-	-	-	-	-	-	-	-	-	-	0.211	-	0.211		
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	0.249	-	0.249		
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	0.389	-	0.389		
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	0.438	-	0.438		
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	0.475	-	0.475		
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	0.504	-	0.504		
1969	-	-	-	-	-	-	-	-	-	-	-	-	-	0.825	-	0.825		
1970	-	-	-	-	-	-	-	-	-	-	-	-	-	1.656	-	1.656		
1971	-	-	-	-	-	-	-	-	-	-	-	-	-	1.516	-	1.516		
1972	-	-	-	-	-	-	-	-	-	-	-	-	-	1.333	-	1.333		
1973	-	-	-	-	-	-	-	-	-	-	-	-	-	1.406	-	1.406		
1974	-	-	-	-	-	-	-	-	-	-	-	-	-	2.787	-	2.787		
1975	-	-	-	-	-	-	-	-	-	-	-	-	-	3.845	-	3.845		
1976	-	-	-	-	-	-	-	-	-	-	-	-	-	5.909	-	5.909		
1977	-	-	-	-	-	-	-	-	-	-	-	-	-	95.815	68.118	27.697		
1978	-	-	-	-	-	-	-	-	-	-	-	-	-	308.859	271.854	37.005		
1979	-	-	-	-	-	-	-	-	-	-	-	-	-	433.388	390.136	43.252		
1980	-	-	-	-	-	-	-	-	-	-	-	-	-	598.175	546.510	51.665		
1981	-	-	-	-	-	-	-	-	-	-	-	-	-	649.432	595.106	54.326		
1982	-	-	-	-	-	-	-	-	-	-	-	-	-	781.496	715.634	65.862		
1983	-	-	-	-	-	-	-	-	-	-	-	-	-	864.773	792.321	72.452		
1984	-	-	-	-	-	-	-	-	-	-	-	-	-	905.828	816.829	88.999		
1985	0.253	-	0.253	-	-	-	-	-	-	0.253	-	-	-	1,044.491	932.695	111.796		
1986	1.644	0.197	1.447	-	-	-	-	-	-	1.447	-	-	-	1,096.981	973.528	123.453		
1987	0.011	-	0.011	-	-	-	-	-	-	0.011	-	-	-	1,427.982	1,256.570	171.412		
1988	-	-	-	-	-	-	-	-	-	-	-	-	-	1,655.638	1,451.838	203.800		
1989	0.978	0.320	0.658	-	-	-	-	-	-	0.658	-	-	-	1,668.759	1,463.208	205.551		
1990	2.718	1.401	1.317	-	-	-	-	-	-	1.317	-	-	-	1,753.478	1,546.845	206.633		
1991	3.515	1.704	1.811	-	-	-	0.244	-	0.244	2.055	-	-	-	2,084.001	1,844.751	239.250		
1992	3.015	1.632	1.383	-	-	-	0.536	-	0.536	1.919	-	-	-	2,331.011	2,086.334	244.677		
1993	2.967	1.836	1.131	-	-	-	0.518	-	0.518	1.649	-	-	-	2,500.791	2,245.460	255.331		
1994	3.524	2.305	1.219	-	-	-	0.515	-	0.515	1.734	-	-	-	2,791.598	2,536.571	255.027		
1995	4.340	3.399	0.941	0.113	-	-	0.656	-	0.656	1.597	-	-	-	3,100.761	2,825.216	275.545		
1996	6.120	4.307	1.813	0.299	-	-	0.464	-	0.464	2.277	-	-	-	3,126.223	2,858.624	267.599		
1997	9.463	6.998	2.465	0.437	-	-	0.644	-	0.644	3.109	-	-	-	3,160.368	2,893.197	267.171		
1998	8.949	6.351	2.598	0.179	-	-	1.008	-	1.008	3.606	-	-	-	3,170.890	2,908.797	262.093		
1999	8.371	6.137	2.234	0.019	-	-	1.199	-	1.199	3.433	-	-	-	3,160.054	2,900.069	259.985		
2000	8.207	6.195	2.012	-	-	-	1.480	-	1.480	3.492	-	-	-	3,334.155	3,076.018	258.137		
2001	8.631	7.498	1.133	0.228	-	-	2.380	-	2.380	3.513	2.686	3.697	-1.011	3,215.301	2,920.702	294.599		
2002	7.054	8.697	-1.643	0.179	0.653	-0.474	9.272	0.927	8.345	6.227	47.616	64.396	-16.781	3,290.999	3,028.516	262.483		
2003	5.337	7.757	-2.420	0.121	0.179	-0.058	6.095	-	6.095	3.617	70.862	101.268	-30.407	3,389.711	3,122.902	266.810		
2004	6.554	7.964	-1.410	0.028	0.179	-0.042	5.108	-	5.108	3.656	104.383	131.501	-27.118	3,454.559	3,182.420	272.139		
2005	5.894	7.610	-1.717	0.125	0.075	0.050	5.285	-	5.285	3.619	142.131	165.712	-23.581	3,451.417	3,166.434	284.983		
2006	6.168	5.671	0.496	0.107	-	0.107	2.942	0.061	2.881	3.484	142.193	164.066	-21.873	3,026.496	2,768.902	257.594		
TOTAL	97.544	82.308	15.236	1.727	1.087	-0.524	35.404	0.927	37.358	52.673	509.870	630.640	-120.770	61,896.596	56,186.103	5,710.493		

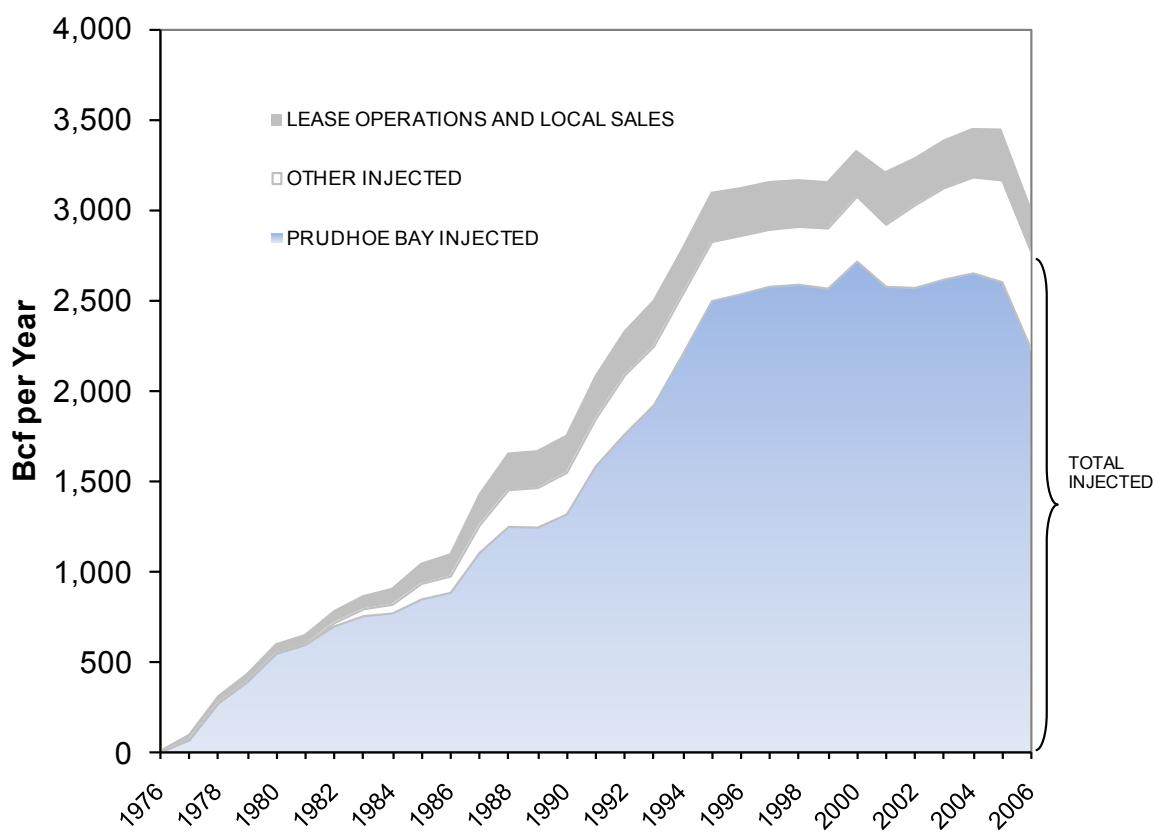
Notes:

Gas from Prudhoe Bay Field is sold to Northstar for injection.

Figure III.2 Gas Production-Historic

North Slope

**Figure III.2 ANS Gas Production 1977 - 2006**



Source: Alaska Oil and Gas Conservation Commission, "Alaska Production Summary by Field and Pool" (monthly reports).

**Table III.6** Gas Production-Historic  
**Cook Inlet (Billion Cubic Feet per Year)**

Albert Kaloa	Beaver Creek				Beluga River	Birch Hill	Cannery Loop <sup>1</sup>	Deep Creek	Ninilchik <sup>2</sup>	Granite Point	Ivan River	Kasilof	Kenai <sup>3</sup>	Lewis River	McArthur River (TBU) <sup>4</sup>	Middle Ground Shoal	Moquawkie Lone Creek	Nicolai Creek
	gas	gas	inj	net	gas	gas	gas	gas	gas	gas	gas	gas	gas	gas	gas	gas	gas	gas
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	0.215	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	1.460	-	-	-	-	-
1963	-	-	-	-	0.014	-	-	-	-	-	-	-	3.106	-	-	-	-	-
1964	-	-	-	-	0.137	-	-	-	-	-	-	-	4.493	-	-	-	-	-
1965	-	-	-	-	-	0.065	-	-	-	-	-	-	5.985	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	0.019	-	-	-	33.375	-	-	1.200	-	-
1967	-	-	-	-	0.168	-	-	-	-	4.890	-	-	39.624	-	0.220	3.215	0.034	-
1968	-	-	-	-	2.018	-	-	-	-	10.036	-	-	46.014	-	6.155	6.654	0.353	0.026
1969	-	-	-	-	3.038	-	-	-	-	8.043	-	-	59.340	-	14.194	6.006	0.514	0.387
1970	0.095	-	-	-	3.571	-	-	-	-	9.211	-	-	80.612	-	19.688	6.137	0.083	0.202
1971	0.024	-	-	-	4.055	-	-	-	-	7.753	-	-	72.184	-	19.304	5.147	-	0.141
1972	-	0.002	-	0.002	4.142	-	-	-	-	5.773	-	-	76.007	-	19.722	4.075	-	0.066
1973	-	0.207	-	0.207	4.929	-	-	-	-	4.518	-	-	71.345	-	19.063	4.826	-	0.006
1974	-	0.150	0.019	0.131	5.596	-	-	-	-	3.265	-	-	68.485	-	19.599	4.260	-	0.011
1975	-	0.322	-	0.322	6.980	-	-	-	-	3.390	-	-	77.175	-	21.471	4.199	-	0.083
1976	-	0.261	0.091	0.170	11.211	-	-	-	-	3.205	-	-	79.467	-	19.027	4.347	-	0.108
1977	-	0.203	0.100	0.103	13.353	-	-	-	-	3.634	-	-	81.886	-	19.706	4.108	-	0.032
1978	-	0.329	0.144	0.185	14.253	-	-	-	-	3.860	-	-	97.290	-	18.585	3.290	-	-
1979	-	0.182	0.079	0.103	16.994	-	-	-	-	3.287	-	-	97.029	-	16.605	2.744	-	-
1980	-	0.180	0.029	0.151	17.002	-	-	-	-	3.233	-	-	98.846	-	15.590	2.628	-	-
1981	-	0.217	0.020	0.197	17.248	-	-	-	-	3.509	-	-	105.800	-	15.206	2.502	-	-
1982	-	0.396	0.037	0.359	18.653	-	-	-	-	2.780	-	-	115.913	-	16.240	2.374	-	-
1983	-	8.344	0.031	8.313	18.084	-	-	-	-	2.578	-	-	112.978	-	14.375	2.663	-	-
1984	-	9.335	-	9.335	19.833	-	-	-	-	2.340	-	-	110.109	0.696	15.076	2.726	-	-
1985	-	10.927	-	10.927	22.571	-	-	-	-	2.147	-	-	115.842	1.644	10.676	2.622	-	-
1986	-	17.773	-	17.773	25.357	-	-	-	-	2.415	-	-	82.470	1.338	13.560	1.593	-	-
1987	-	15.528	-	15.528	23.971	-	-	-	-	2.431	-	-	90.014	0.345	13.277	1.586	-	-
1988	-	14.346	-	14.346	25.586	-	9.400	-	-	2.543	-	-	76.299	0.045	16.722	1.635	-	-
1989	-	12.321	-	12.321	30.126	-	11.255	-	-	2.251	-	-	65.706	0.095	31.000	1.965	-	-
1990	-	12.474	-	12.474	39.512	-	12.502	-	-	1.431	0.676	-	38.393	1.485	51.456	2.579	-	-
1991	-	10.403	-	10.403	38.494	-	12.318	-	-	1.586	2.132	-	25.581	1.420	61.196	1.587	-	-
1992	-	7.368	-	7.368	36.534	-	10.635	-	-	2.246	1.774	-	24.187	0.706	70.070	2.377	-	-
1993	-	6.336	-	6.336	31.739	-	9.516	-	-	2.444	8.238	-	23.826	0.383	62.512	2.941	-	-
1994	-	1.304	-	1.304	34.212	-	6.361	-	-	2.077	15.996	-	18.853	0.244	50.027	3.025	-	-
1995	-	1.915	-	1.915	35.645	-	5.535	-	-	1.942	12.027	-	16.484	0.126	54.914	2.138	-	-
1996	-	3.042	-	3.042	36.930	-	2.072	-	-	2.251	6.605	-	13.294	0.114	67.275	0.852	-	-
1997	-	4.626	-	4.626	35.002	-	3.130	-	-	2.551	5.297	-	12.672	0.066	66.838	1.051	-	-
1998	-	3.743	-	3.743	33.391	-	3.021	-	-	2.635	4.532	-	9.736	0.102	73.822	1.882	-	-
1999	-	3.288	-	3.288	35.987	-	2.871	-	-	2.464	3.579	-	9.916	0.246	68.997	2.751	-	-
2000	-	4.793	-	4.793	38.750	-	4.692	-	-	2.209	2.620	-	12.833	0.134	65.016	1.485	-	-
2001	-	5.340	-	5.340	41.786	-	6.304	-	-	1.936	3.799	-	19.964	0.220	62.264	1.319	-	0.278
2002	-	8.548	-	8.548	44.039	-	5.016	-	-	1.658	4.303	-	22.154	0.898	51.515	0.918	-	0.605
2003	-	7.868	-	7.868	56.252	-	6.143	-	3.044	1.378	2.471	-	28.586	0.575	39.216	0.654	1.015	0.262
2004	0.439	8.338	-	8.338	57.618	-	13.640	0.299	12.367	1.332	1.670	-	24.217	0.369	34.408	0.415	2.548	0.983
2005	1.433	5.413	-	5.413	55.860	-	14.822	3.737	14.252	1.191	1.190	-	22.008	0.322	30.777	0.397	1.935	0.188
2006	0.716	5.499	-	5.499	55.364	-	11.517	2.813	17.655	0.989	1.154	0.865	22.342	0.017	25.392	0.306	2.154	0.537
TOTAL	2.707	191.323	0.550	190.773	1,016.004	0.065	150.750	6.849	47.338	129.411	78.063	0.865	2,314.116	11.589	1,310.756	109.178	8.636	3.914

**Notes:**

<sup>1</sup> Cannery Loop includes CLU Beluga, CLU Upper Tyonek, CLU Tyonek D, and CLU Sterling Undefined in the Kenai formation.

<sup>2</sup> Ninilchik includes Falls Creek, Grassim Oskolk, Susan Dionne, and Paxton Pools.

<sup>3</sup> Kenai produced from Sterling Pools 3, 4, and 6; Tyonek gas pool; and Upper Tyonek-Beluga Pool.

<sup>4</sup> Includes dry gas from Middle Kenai Gas (Grayling Gas Sands), and casing gas from the Hemlock, W Foreland, and Mid Kenai G Oil Pools.

**Table III.6**  
**Cook Inlet (Billion Cubic Feet per Year)**

	North Cook Inlet	North Fork	North Trading Bay Gas Sands <sup>3</sup>	Pretty Creek	ReDoubt	Sterling	Stump Lake	Swanson River <sup>4</sup>			Three Mile Creek	Trading Bay <sup>5</sup>	West Fork	West Foreland	West McArthur River	Wolf Lake Kustatan
								gas	gas	gas						
1958	-	-	-	-	-	-	-	0.006	-	0.006	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	0.027	-	0.027	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	0.119	46.482	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	1.293	-	1.293	-	-	-	-	-	-
1962	-	-	-	-	-	0.025	-	2.071	0.259	1.812	-	-	-	-	-	-
1963	-	-	-	-	-	0.046	-	7.646	6.478	1.168	-	-	-	-	-	-
1964	-	-	-	-	-	0.058	-	7.176	5.620	1.556	-	-	-	-	-	-
1965	-	-	-	-	-	0.120	-	5.973	4.843	1.130	-	-	-	-	-	-
1966	-	0.105	-	-	-	0.157	-	6.363	28.770	-	-	-	-	-	-	-
1967	-	-	-	-	-	0.180	-	13.541	37.944	-	0.722	-	-	-	-	-
1968	-	-	0.045	-	-	0.198	-	25.434	58.316	-	2.916	-	-	-	-	-
1969	7.881	-	1.175	-	-	0.265	-	40.756	67.215	-	5.944	-	-	-	-	-
1970	40.947	-	0.725	-	-	0.265	-	50.396	73.139	-	6.430	-	-	-	-	-
1971	45.024	-	0.419	-	-	0.267	-	66.569	73.892	-	8.678	-	-	-	-	-
1972	41.580	-	0.635	-	-	0.172	-	67.441	76.133	-	5.033	-	-	-	-	-
1973	42.709	-	0.588	-	-	0.027	-	74.067	87.482	-	2.951	-	-	-	-	-
1974	44.238	-	0.600	-	-	0.032	-	80.869	86.793	-	2.712	-	-	-	-	-
1975	45.622	-	0.478	-	-	0.035	-	90.665	97.976	-	2.134	-	-	-	-	-
1976	45.091	-	0.318	-	-	0.035	-	101.427	113.279	-	2.155	-	-	-	-	-
1977	47.201	-	0.272	-	-	0.029	-	106.911	118.279	-	2.619	-	-	-	-	-
1978	46.757	-	0.217	-	-	0.024	-	106.934	114.557	-	2.211	0.052	-	-	-	-
1979	49.448	-	0.153	-	-	0.025	-	116.266	120.268	-	1.560	0.770	-	-	-	-
1980	41.540	-	0.197	-	-	0.026	-	118.855	120.636	-	1.355	0.476	-	-	-	-
1981	49.486	-	0.264	-	-	0.023	-	103.592	106.137	-	1.160	0.030	-	-	-	-
1982	45.368	-	0.445	-	-	0.024	-	105.654	113.023	-	1.187	0.086	-	-	-	-
1983	47.877	-	0.660	-	-	0.022	-	97.505	95.353	2.152	0.896	0.067	-	-	-	-
1984	46.981	-	0.649	-	-	0.018	-	96.710	93.687	3.023	0.911	0.037	-	-	-	-
1985	45.819	-	0.526	-	-	0.012	-	92.104	89.025	3.079	1.005	0.022	-	-	-	-
1986	43.838	-	0.513	0.067	-	0.002	-	95.083	93.602	1.481	0.866	-	-	-	-	-
1987	42.889	-	0.537	0.776	-	-	-	84.063	87.013	-2.950	0.897	-	-	-	-	-
1988	44.989	-	0.270	0.871	-	-	-	102.600	99.734	2.866	1.041	-	-	-	-	-
1989	45.287	-	0.217	0.641	-	-	-	104.094	107.802	-3.708	1.215	-	-	-	-	-
1990	45.014	-	0.060	0.607	-	-	0.528	104.395	106.031	-1.636	0.407	-	-	-	-	-
1991	44.695	-	0.079	0.742	-	-	1.608	105.057	105.157	-0.100	0.865	0.460	-	-	-	-
1992	44.411	-	0.013	0.762	-	-	1.504	104.533	104.724	-0.191	0.692	1.364	-	-	-	-
1993	45.529	-	-	0.333	-	0.007	0.778	97.701	93.052	4.649	0.619	0.625	-	0.031	-	-
1994	52.689	-	-	0.203	-	0.224	0.454	124.420	97.148	27.272	0.648	0.206	-	0.216	-	-
1995	53.541	-	-	0.256	-	0.184	0.288	101.781	73.086	28.695	0.526	0.016	-	0.231	-	-
1996	55.976	-	0.023	0.301	-	0.037	0.185	76.159	42.820	33.339	0.386	-	-	0.309	-	-
1997	52.466	-	0.511	0.383	-	0.005	0.132	51.898	23.163	28.735	1.122	-	-	0.152	-	-
1998	53.964	-	0.695	0.435	-	-	0.080	36.917	11.089	25.828	0.843	-	-	0.241	-	-
1999	51.629	-	0.241	0.028	-	0.125	0.054	37.483	7.731	29.752	0.445	-	-	0.212	-	-
2000	52.841	-	0.152	-	-	0.329	0.032	32.421	2.729	29.692	0.469	-	-	0.211	-	-
2001	55.531	-	-	0.080	-	0.149	0.000	30.405	7.378	23.027	0.420	-	-	0.288	0.114	-
2002	54.574	-	-	1.359	0.008	0.552	-	14.687	0.959	13.728	0.449	-	0.060	0.239	0.300	-
2003	47.920	-	0.101	0.428	0.673	0.358	0.000	9.292	0.004	9.287	0.263	-	0.940	0.200	0.240	-
2004	41.012	-	0.027	0.658	0.138	0.300	-	6.266	-	6.266	0.205	-	1.025	0.158	0.073	-
2005	45.560	-	0.416	0.411	0.077	1.874	-	4.349	-	4.349	0.453	0.313	0.286	2.604	0.125	0.135
2006	38.155	-	0.012	0.016	0.065	2.204	-	3.486	-	3.486	0.626	0.372	0.639	3.350	0.148	0.233
TOTAL	1,746.080	0.105	12.234	9.358	0.961	8.434	5.644	2,913.460	2,898.808	279.114	1.079	65.642	5.136	7.979	2.760	1.096

**Notes:**

<sup>3</sup> Includes dry gas quantities from Trading Bay Undefined Gas sands initially produced from Spurr Platform; later from Spark Platform.

<sup>4</sup> Swanson River gas is produced from Hemlock Oil Pool, Sterling Undefined Gas Pool, and Tyonek Undefined Pool. Gas from other fields was injected into the Swanson River Hemlock Oilfield to maintain reservoir pressure and enhance oil recovery until 2003. The very high gas injection volume for 1960 was an accounting adjustment. Gas has been injected into the Tyonek Formation for storage purposes since 2001. In all previous editions of the DOG Annual Report, Swanson River injection volumes included storage gas. As of this 2007 Annual Report, injection for storage purposes is reported separately.

<sup>5</sup> Includes only casing gas produced from the following oil pools: Hemlock, Middle Kenai B through E, and Undefined.

Source: Alaska Oil and Gas Conservation Commission, "Alaska Production Summary by Field and Pool" (monthly reports).

Table III.6 Gas Production-Historic

## Cook Inlet (Billion Cubic Feet per Year)

COOK INLET GAS PRODUCTION			COOK INLET GAS STORAGE									
	TOTAL GROSS	TOTAL INJECTED	TOTAL NET	Swanson River Tyonek <sup>1</sup>			Pretty Creek Beluga <sup>2</sup>			Kenai River Sterling Pool 6 <sup>3</sup>		
	inj	wd	net	inj	wd	net	inj	wd	net	inj	wd	net
1958	0.006	-	0.006	-	-	-	-	-	-	-	-	-
1959	0.027	-	0.027	-	-	-	-	-	-	-	-	-
1960	0.119	46.482	-	-	-	-	-	-	-	-	-	-
1961	1.508	-	1.508	-	-	-	-	-	-	-	-	-
1962	3.556	0.259	3.297	-	-	-	-	-	-	-	-	-
1963	10.812	6.478	4.334	-	-	-	-	-	-	-	-	-
1964	11.864	5.620	6.244	-	-	-	-	-	-	-	-	-
1965	12.143	4.843	7.300	-	-	-	-	-	-	-	-	-
1966	41.219	28.770	12.449	-	-	-	-	-	-	-	-	-
1967	62.594	37.944	24.650	-	-	-	-	-	-	-	-	-
1968	99.849	58.316	41.533	-	-	-	-	-	-	-	-	-
1969	147.543	67.215	80.328	-	-	-	-	-	-	-	-	-
1970	218.362	73.139	145.223	-	-	-	-	-	-	-	-	-
1971	229.565	73.892	155.673	-	-	-	-	-	-	-	-	-
1972	224.648	76.133	148.515	-	-	-	-	-	-	-	-	-
1973	225.236	87.482	137.754	-	-	-	-	-	-	-	-	-
1974	229.817	86.812	143.005	-	-	-	-	-	-	-	-	-
1975	252.554	97.976	154.578	-	-	-	-	-	-	-	-	-
1976	266.652	113.370	153.282	-	-	-	-	-	-	-	-	-
1977	279.954	118.379	161.575	-	-	-	-	-	-	-	-	-
1978	293.802	114.701	179.101	-	-	-	-	-	-	-	-	-
1979	305.063	120.347	184.716	-	-	-	-	-	-	-	-	-
1980	299.928	120.665	179.263	-	-	-	-	-	-	-	-	-
1981	299.037	106.157	192.880	-	-	-	-	-	-	-	-	-
1982	309.120	113.060	196.060	-	-	-	-	-	-	-	-	-
1983	306.049	95.384	210.665	-	-	-	-	-	-	-	-	-
1984	305.421	93.687	211.734	-	-	-	-	-	-	-	-	-
1985	305.917	89.025	216.892	-	-	-	-	-	-	-	-	-
1986	284.875	93.602	191.273	-	-	-	-	-	-	-	-	-
1987	276.314	87.013	189.301	-	-	-	-	-	-	-	-	-
1988	296.347	99.734	196.613	-	-	-	-	-	-	-	-	-
1989	306.173	107.802	198.371	-	-	-	-	-	-	-	-	-
1990	311.519	106.031	205.488	-	-	-	-	-	-	-	-	-
1991	308.223	105.157	203.066	-	-	-	-	-	-	-	-	-
1992	309.176	104.724	204.452	-	-	-	-	-	-	-	-	-
1993	293.558	93.052	200.506	-	-	-	-	-	-	-	-	-
1994	311.159	97.148	214.011	-	-	-	-	-	-	-	-	-
1995	287.549	73.086	214.463	-	-	-	-	-	-	-	-	-
1996	265.811	42.820	222.991	-	-	-	-	-	-	-	-	-
1997	237.902	23.163	214.739	-	-	-	-	-	-	-	-	-
1998	226.039	11.089	214.950	-	-	-	-	-	-	-	-	-
1999	220.318	7.731	212.587	-	-	-	-	-	-	-	-	-
2000	218.988	2.729	216.258	-	-	-	-	-	-	-	-	-
2001	230.197	7.378	222.819	0.897	0.363	0.534	-	-	-	-	-	-
2002	211.882	0.959	210.923	0.951	1.025	-0.074	-	-	-	-	-	-
2003	207.877	0.004	207.873	1.075	0.392	0.683	-	-	-	-	-	-
2004	208.504	-	208.504	0.753	0.448	0.305	-	-	-	-	-	-
2005	210.127	-	210.127	1.340	1.297	0.043	0.215	-	0.215	-	-	-
2006	196.628	-	196.628	2.888	1.785	1.103	0.798	0.008	0.790	1.529	2.493	-0.964
TOTAL	10,161.530	2,899.358	7,308.534	7.903	5.311	2.592	1.012	0.008	1.004	1.529	2.493	-0.964

## Notes:

inj = gas injected into the storage formation.

wd = withdrawn gas includes all gas withdrawn from the storage reservoir during the reporting period.

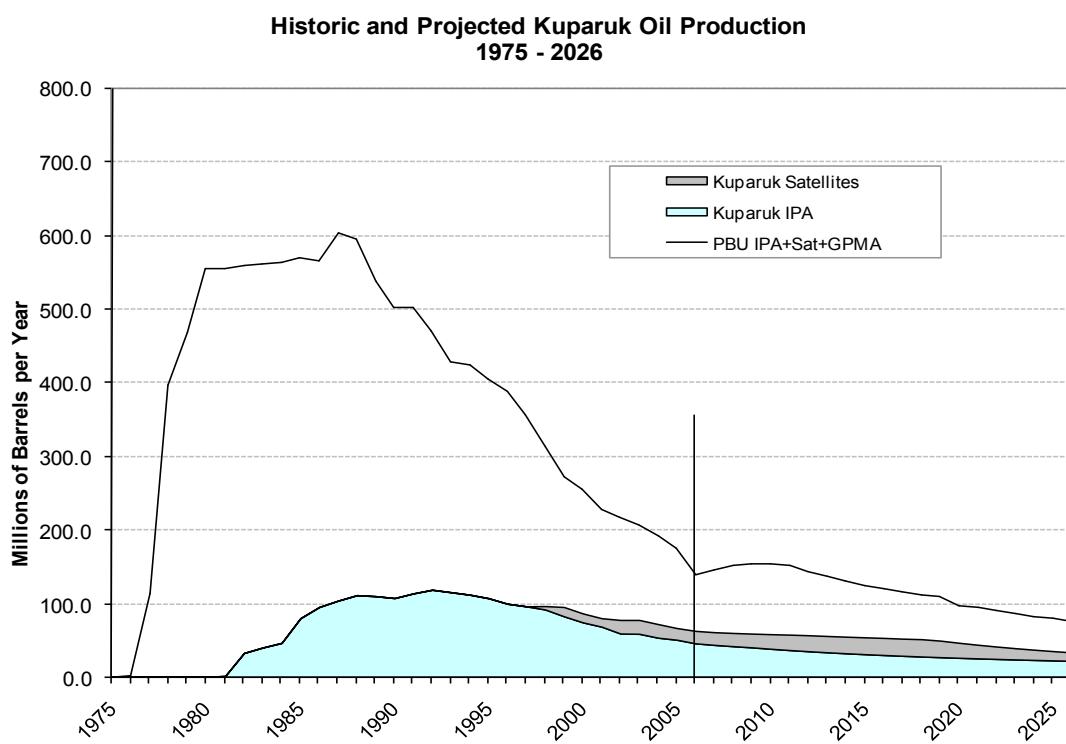
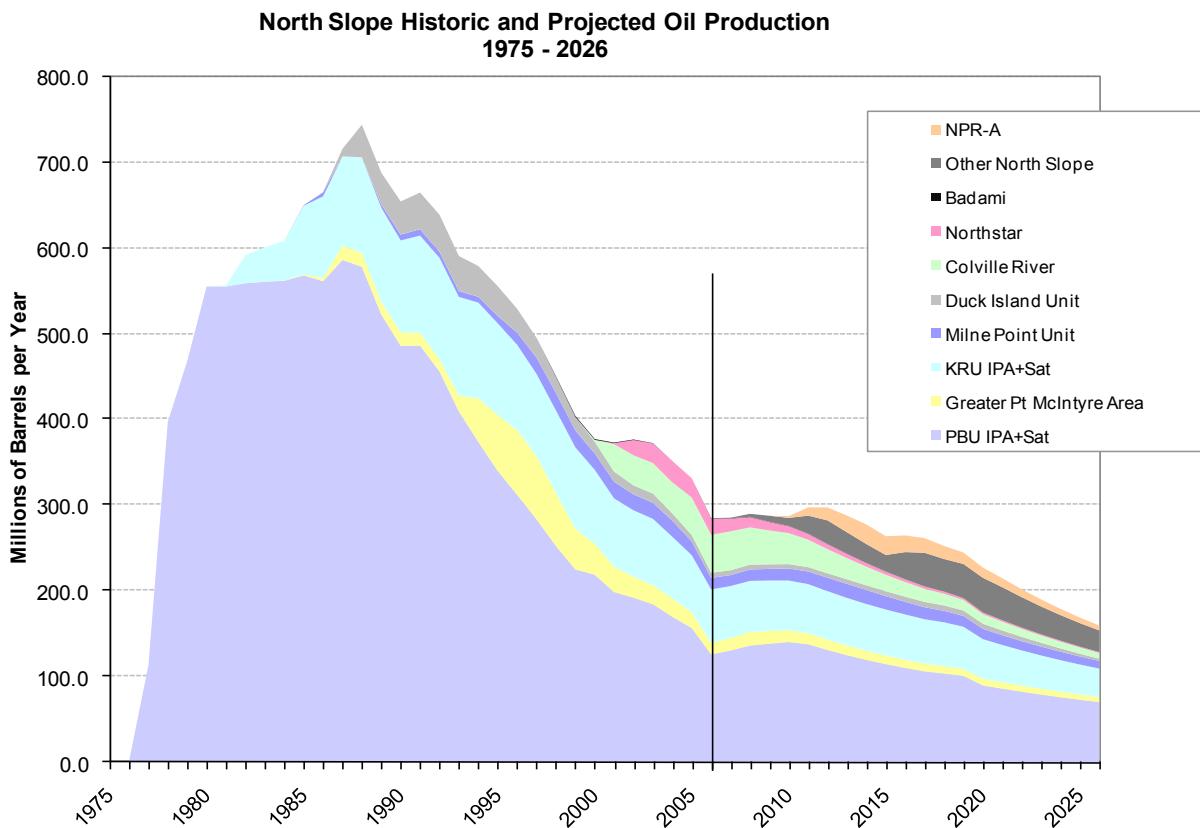
Negative net injections mean gas was drawn down from the reservoir's originally in place native or cushion gas volume.

<sup>1</sup> Does not include natural gas injected into the Hemlock Formation for secondary oil recovery. Injections into the Tyonek Formation for the purposes of storage began in June 2001.<sup>2</sup> Gas Storage Injection into the nearly depleted Beluga Formation began in November 2005.<sup>3</sup> Gas Storage Injection into the Sterling 6 Gas Pool began in May 2006.



## Figures III.3A & B Oil Production-Forecast

### North Slope (Millions of Barrels per Year)



Figures III.3A and III.3B correspond to Table III.7.

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**Table III.8 Oil Production-Forecast**  
**Cook Inlet<sup>1</sup> (Millions of Barrels per Year)**

Beaver Creek	Granite Point	McArthur River	Middle Ground Shoal	Redoubt (Osprey)	Swanson River	Trading Bay	West McArthur River	North Trading Bay	TOTAL OIL and NGL <sup>2</sup>
1958	-	-	-	-	0.036	-	-	-	0.036
1959	-	-	-	-	0.187	-	-	-	0.187
1960	-	-	-	-	0.558	-	-	-	0.558
1961	-	-	-	-	6.327	-	-	-	6.327
1962	-	-	-	-	10.259	-	-	-	10.259
1963	-	-	-	-	10.740	-	-	-	10.740
1964	-	-	-	-	11.054	-	-	-	11.054
1965	-	0.002	0.001	0.027	-	11.099	0.002	-	11.131
1966	-	-	0.003	2.649	-	11.712	-	-	14.364
1967	-	7.052	0.749	7.404	-	12.980	0.727	-	28.914
1968	-	13.131	21.782	14.134	0.002	13.623	3.292	-	66.149
1969	-	9.183	31.301	10.467	-	13.221	5.626	-	74.110
1970	-	7.522	40.591	12.719	-	12.471	6.374	-	82.944
1971	-	5.577	41.130	11.304	-	11.543	6.753	-	78.337
1972	0.002	4.663	41.344	9.719	-	8.908	6.058	-	73.249
1973	0.416	4.767	39.545	10.239	-	10.162	5.854	-	73.006
1974	0.375	4.237	39.799	9.001	-	9.861	5.468	-	70.868
1975	0.322	4.361	41.520	8.670	-	8.843	4.629	-	69.876
1976	0.302	4.471	36.463	8.864	-	7.681	4.296	-	63.174
1977	0.276	4.711	33.968	7.617	-	6.067	3.350	-	56.959
1978	0.223	4.867	30.953	6.382	-	4.935	2.789	-	50.947
1979	0.211	4.613	25.981	5.545	-	4.424	2.298	-	43.681
1980	0.214	4.394	21.306	4.854	-	3.788	1.800	-	36.728
1981	0.180	3.975	18.506	4.291	-	2.986	1.440	-	31.613
1982	0.182	3.467	16.255	3.573	-	3.047	1.253	-	27.909
1983	0.170	3.550	13.896	3.381	-	3.062	0.968	-	25.144
1984	0.159	3.287	12.024	3.238	-	2.556	1.000	-	22.344
1985	0.146	3.052	7.648	3.098	-	2.191	0.919	-	17.167
1986	0.158	3.169	8.170	3.211	-	2.109	0.828	-	17.865
1987	0.185	2.803	7.571	2.834	-	2.089	0.690	-	16.418
1988	0.141	2.677	7.305	2.742	-	2.160	0.691	-	15.911
1989	0.227	2.275	6.955	2.769	-	1.899	1.085	-	15.389
1990	0.212	1.462	4.265	2.688	-	1.897	0.522	-	11.167
1991	0.179	2.064	7.247	2.670	-	1.985	1.048	0.002	15.363
1992	0.175	2.522	7.397	2.423	-	1.792	0.856	0.002	15.197
1993	0.153	2.488	6.636	2.160	-	1.594	0.742	0.098	13.871
1994	0.140	2.209	7.091	2.785	-	1.695	0.743	0.921	15.584
1995	0.132	2.580	6.622	2.823	-	1.729	0.722	0.922	15.530
1996	0.125	2.556	6.102	2.396	-	1.540	0.589	1.296	14.604
1997	0.119	2.432	5.059	2.223	-	1.077	0.602	0.645	12.157
1998	0.103	2.079	4.817	2.156	-	0.920	0.700	1.037	11.812
1999	0.100	1.787	4.697	1.968	-	0.794	0.645	0.914	10.905
2000	0.092	1.742	4.822	1.894	0.002	0.638	0.637	0.893	10.720
2001	0.085	1.620	5.353	2.032	0.001	0.609	0.574	1.222	11.497
2002	0.079	1.527	5.510	1.959	0.046	0.477	0.666	1.018	11.284
2003	0.076	1.440	4.323	1.497	0.911	0.425	0.537	0.849	10.059
2004	0.068	1.433	3.373	1.323	0.559	0.320	0.462	0.669	8.208
2005	0.061	1.263	2.895	1.318	0.312	0.330	0.414	0.517	7.110
2006	0.077	1.094	2.504	1.192	0.262	0.262	0.311	0.437	6.140
2007	0.066	1.122	2.108	1.141	0.274	0.222	0.348	0.378	5.659
2008	0.063	1.067	1.837	1.079	0.257	0.193	0.320	0.331	5.147
2009	0.060	1.018	1.618	1.021	0.242	0.168	0.295	0.295	4.716
2010	0.057	0.972	1.438	0.968	0.227	0.146	0.274	0.266	4.349
2011	0.055	0.931	1.288	0.919	0.213	0.127	0.255	0.242	4.030
2012	0.053	0.893	1.162	0.873	0.200	0.110	0.239	0.222	3.752
2013	0.050	0.858	1.055	0.830	0.188	0.096	0.224	0.205	3.506
2014	0.048	0.825	0.962	0.791	0.177	0.084	0.211	0.191	3.288
2015	0.046	0.795	0.883	0.754	0.166	0.073	0.199	0.178	3.093
2016	0.044	0.767	0.813	0.719	0.156	0.063	0.188	0.167	2.918
2017	0.043	0.741	0.752	0.686	0.146	0.055	0.178	0.157	2.759
2018	0.041	0.717	0.697	0.656	0.138	0.048	0.169	0.149	2.615
2019	0.040	0.694	0.649	0.628	0.129	0.042	0.161	0.141	2.484
2020	0.038	0.673	0.606	0.601	0.121	0.036	0.154	0.134	2.363
2021	0.037	0.653	0.568	0.576	0.114	0.032	0.147	0.128	2.252
2022	0.036	0.634	0.533	0.552	0.107	0.027	0.140	0.122	2.151
2023	0.034	0.616	0.501	0.529	0.101	0.024	0.134	0.117	2.057
2024	0.033	0.599	0.473	0.508	0.095	0.021	0.129	0.112	1.969
2025	0.032	0.583	0.447	0.488	0.089	0.018	0.124	0.107	1.888
2026	0.031	0.568	0.423	0.470	0.083	0.016	0.119	0.103	1.813

**Notes:**

<sup>1</sup> Forecast horizon 2007-36; forecast based on field-by-field economic assessment prepared by Alaska Department of Revenue. Figure III.4 (shown to 2026) corresponds to Table III.8.

<sup>2</sup> Figures include natural gas liquids (NGL) and are net of injections.

Source: Historic data: Alaska Oil and Gas Conservation Commission, "Alaska Production Summary by Field and Pool" (monthly reports). Forecast prepared by Alaska DNR.

Figure III.4

Oil Production-Forecast

Cook Inlet

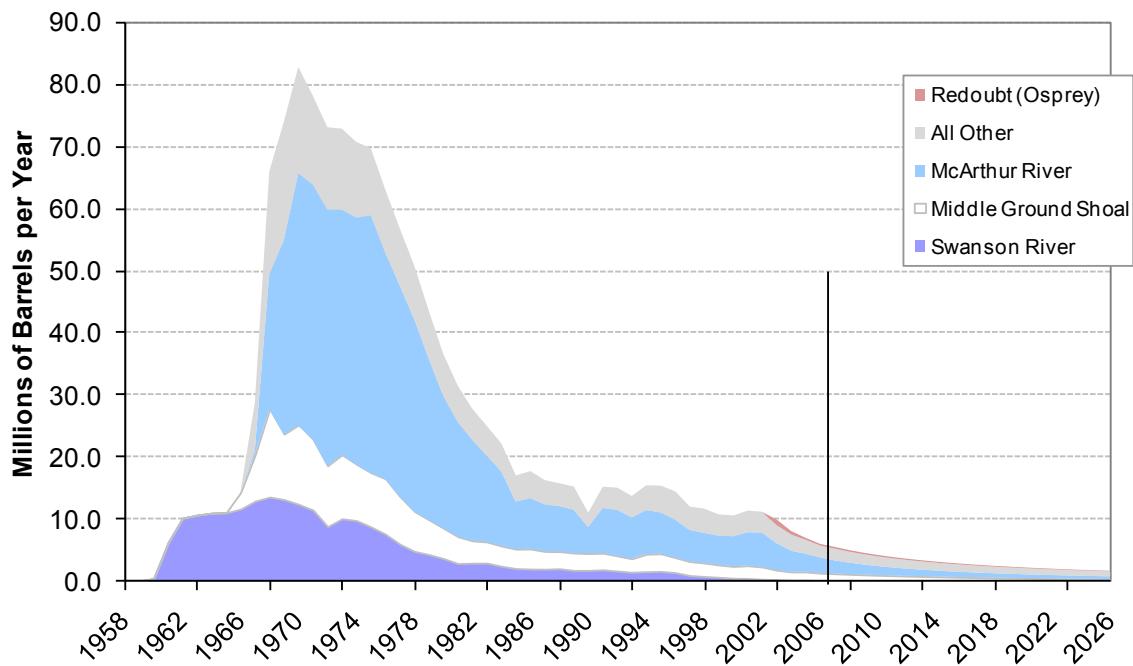
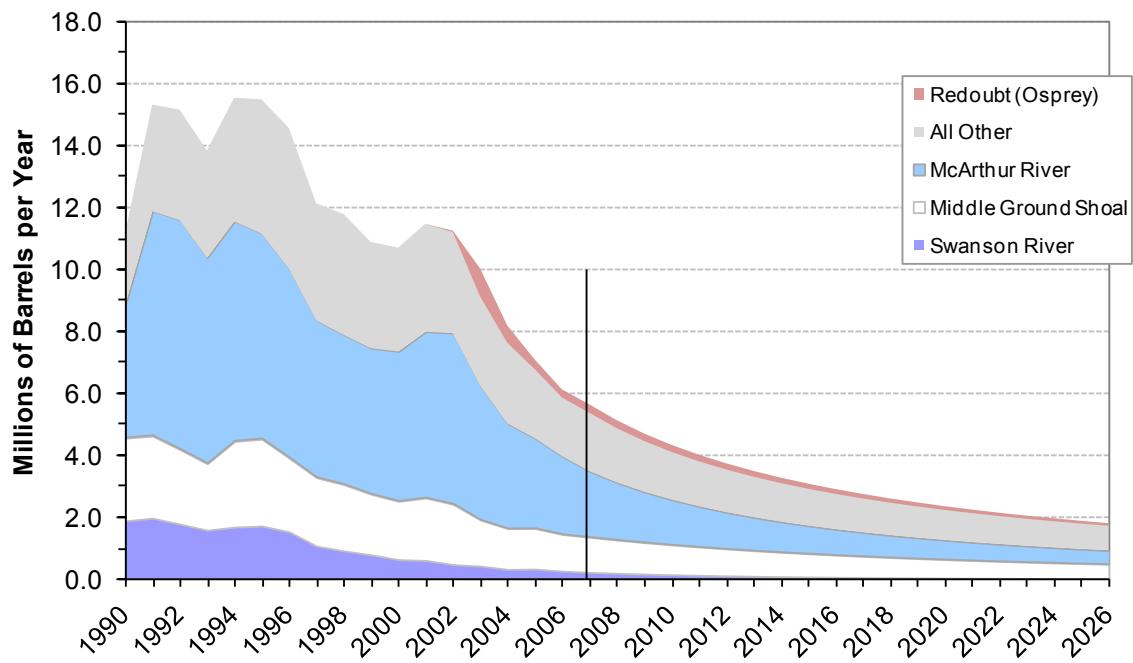
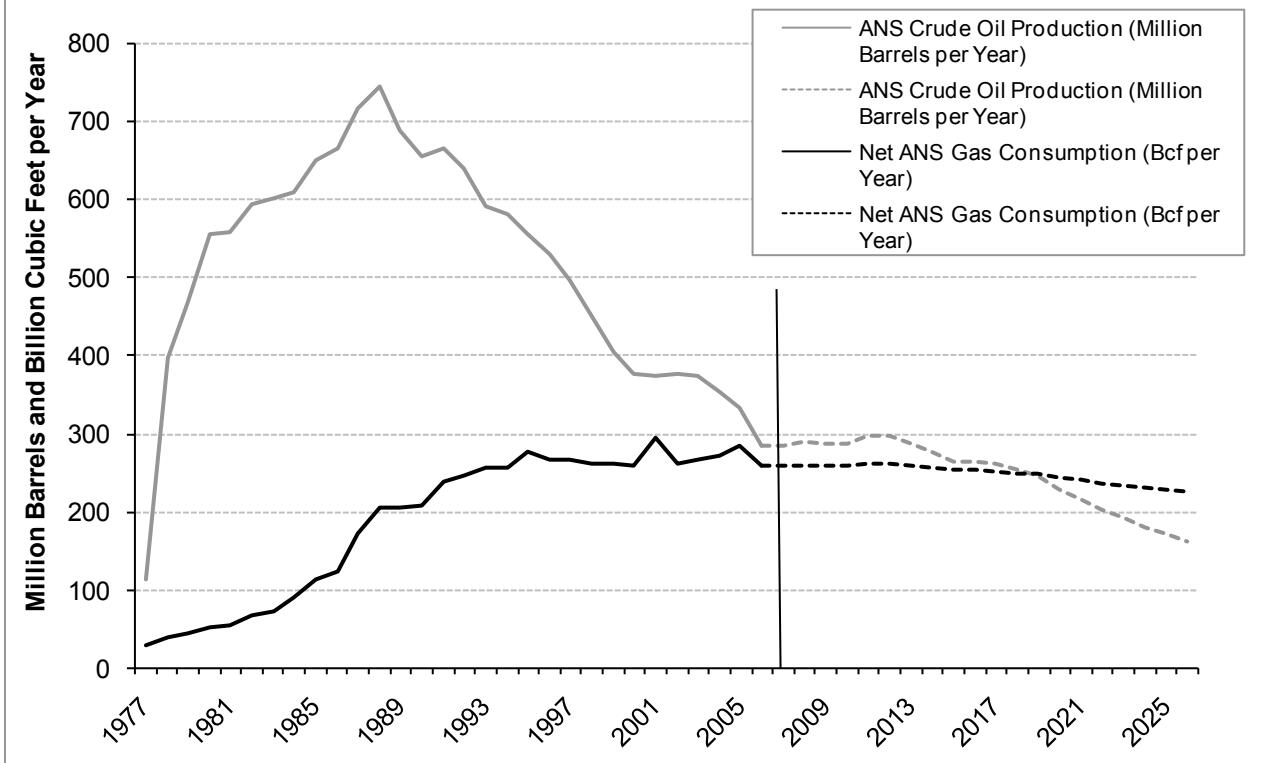
**Figure III.4 Cook Inlet Historic and Forecast Oil Production  
1958 - 2026<sup>1</sup>****Figure III.4 Cook Inlet Historic and Forecast Oil Production  
1990 - 2026<sup>1</sup>**

Figure III.5

Gas Consumption-Forecast

North Slope

**Figure III.5 Forecast of Net ANS Gas Consumption for Lease Operations and Local Gas Sales****Net Gas Consumption on the North Slope**

Year	bcf	Year	bcf
2006	257.0	2017	251.1
2007	257.2	2018	248.8
2008	258.3	2019	246.9
2009	257.7	2020	242.4
2010	257.6	2021	239.3
2011	260.2	2022	236.0
2012	260.2	2023	233.0
2013	257.8	2024	230.2
2014	255.2	2025	227.6
2015	251.7	2026	225.3
2016	251.9		

**Notes:**

Net ANS Gas consumption refers to gas produced for lease operations and for local sales to North Slope utilities and pipelines. Most gas produced is re-injected into the field for enhanced oil recovery and recycling. Historic quantities of injected gas are shown in Table III.5. Gas injection is expected to remain fairly constant at about 8 Bcf per day for the foreseeable future. Many factors influence the quantity of gas used for lease operations, including demand for power, oil field compression and pipeline pump stations. New field and satellite development will, to some extent, offset the decline in gas used for lease operations and pipelines in mature fields. Also, many North Slope fields are "gas constrained" meaning that oil production is limited by gas handling capacity. The forecast of net ANS gas consumption is based on an ordinary least squares regression of the historic relationship between net ANS gas consumption and ANS crude oil production, taking into account major additions to gas handling capacity in 1990 (GHX1), 1995 (GHX2), and 2001 (MIX). Detailed estimation results are available on request.

Table III.9

Gas Production-Forecast

## Cook Inlet

	Beluga River <sup>1</sup>	McArthur River (TBU) <sup>1</sup>	North Cook Inlet <sup>1</sup>	Swanson River <sup>1, 2</sup>	Kenai/ Cannery Loop <sup>1, 3</sup>	Ninilchik/ Deep Creek <sup>1</sup>	All Other <sup>1, 4</sup>	Under-Development <sup>5</sup>	TOTAL NET <sup>6</sup>
1958	-	-	-	0.0	-	-	-	-	0.0
1959	-	-	-	0.0	-	-	-	-	0.0
1960	-	-	-	-	-	-	-	-	-
1961	-	-	-	1.3	0.2	-	-	-	1.5
1962	-	-	-	1.8	1.5	-	0.0	-	3.3
1963	0.0	-	-	1.2	3.1	-	0.0	-	4.3
1964	0.1	-	-	1.6	4.5	-	0.1	-	6.2
1965	-	-	-	1.1	6.0	-	0.2	-	7.3
1966	-	-	-	33.4	0.0	1.5	-	-	12.4
1967	0.2	0.2	-	-	39.6	-	9.0	-	24.7
1968	2.0	6.2	-	-	46.0	-	20.2	-	41.5
1969	3.0	14.2	7.9	-	59.3	-	22.3	-	80.3
1970	3.6	19.7	40.9	-	80.6	-	23.1	-	145.2
1971	4.1	19.3	45.0	-	72.2	-	22.4	-	155.7
1972	4.1	19.7	41.6	-	76.0	-	15.8	-	148.5
1973	4.9	19.1	42.7	-	71.3	-	13.1	-	137.8
1974	5.6	19.6	44.2	-	68.5	-	11.0	-	143.0
1975	7.0	21.5	45.6	-	77.2	-	10.6	-	154.6
1976	11.2	19.0	45.1	-	79.5	-	10.3	-	153.3
1977	13.4	19.7	47.2	-	81.9	-	10.8	-	161.6
1978	14.3	18.6	46.8	-	97.3	-	9.8	-	179.1
1979	17.0	16.6	49.4	-	97.0	-	8.6	-	184.7
1980	17.0	15.6	41.5	-	98.8	-	8.1	-	179.3
1981	17.2	15.2	49.5	-	105.8	-	7.7	-	192.9
1982	18.7	16.2	45.4	-	115.9	-	7.3	-	196.1
1983	18.1	14.4	47.9	2.2	113.0	-	15.2	-	210.7
1984	19.8	15.1	47.0	3.0	110.1	-	16.7	-	211.7
1985	22.6	10.7	45.8	3.1	115.8	-	18.9	-	216.9
1986	25.4	13.6	43.8	1.5	82.5	-	24.6	-	191.3
1987	24.0	13.3	42.9	(3.0)	90.0	-	22.1	-	189.3
1988	25.6	16.7	45.0	2.9	85.7	-	20.8	-	196.6
1989	30.1	31.0	45.3	(3.7)	77.0	-	18.7	-	198.4
1990	39.5	51.5	45.0	(1.6)	50.9	-	20.2	-	205.5
1991	38.5	61.2	44.7	(0.1)	37.9	-	20.9	-	203.1
1992	36.5	70.1	44.4	(0.2)	34.8	-	18.8	-	204.5
1993	31.7	62.5	45.5	4.6	33.3	-	22.7	-	200.5
1994	34.2	50.0	52.7	27.3	25.2	-	24.6	-	214.0
1995	35.6	54.9	53.5	28.7	22.0	-	19.6	-	214.5
1996	36.9	67.3	56.0	33.3	15.4	-	14.1	-	223.0
1997	35.0	66.8	52.5	28.7	15.8	-	15.9	-	214.7
1998	33.4	73.8	54.0	25.8	12.8	-	15.2	-	215.0
1999	36.0	69.0	51.6	29.8	12.8	-	13.4	-	212.6
2000	38.7	65.0	52.8	29.7	17.1	-	12.4	-	215.8
2001	41.8	62.3	55.5	23.0	24.1	-	13.9	-	220.7
2002	44.0	51.5	54.6	13.7	27.2	-	19.9	0.0	210.9
2003	56.3	39.2	47.9	9.3	34.7	3.0	17.4	3.0	210.9
2004	57.6	34.4	41.0	6.3	37.9	12.7	18.7	-	208.5
2005	55.9	30.8	45.6	4.3	36.8	18.0	18.8	-	210.1
2006	55.4	25.4	38.2	3.5	33.9	20.5	19.9	-	196.6
2007	54.9	20.9	32.0	1.9	28.8	18.4	22.2	11.3	190.4
2008	54.9	17.7	26.1	1.3	23.5	13.2	14.3	39.3	190.4
2009	51.9	15.0	21.8	0.9	19.4	9.6	11.0	46.3	176.0
2010	45.7	12.7	18.4	0.7	16.2	7.1	8.6	39.0	148.4
2011	40.2	10.8	15.8	0.5	13.5	5.3	6.8	33.2	126.1
2012	35.4	9.1	13.7	0.4	11.4	4.0	5.5	28.4	107.8
2013	31.1	7.7	12.0	0.3	9.7	3.1	4.4	24.4	92.7
2014	27.4	6.6	10.6	0.2	8.2	2.4	3.6	21.0	80.0
2015	24.1	5.6	9.4	0.2	7.0	1.8	3.0	18.2	69.3
2016	21.2	4.7	8.4	0.1	6.0	1.4	2.4	15.8	60.2
2017	18.7	4.0	7.6	0.1	5.2	1.1	2.0	13.8	52.5
2018	16.4	3.4	6.9	0.1	4.5	0.9	1.7	12.1	46.0
2019	14.5	2.9	6.2	0.1	3.9	0.7	1.5	10.6	40.3
2020	12.7	2.5	5.7	0.1	3.4	0.5	1.2	9.3	35.4
2021	11.2	2.1	5.2	0.0	3.0	0.4	1.0	8.2	31.2
2022	9.9	1.8	4.8	0.0	2.6	0.3	0.9	7.2	27.5
2023	8.7	1.5	4.4	0.0	2.3	0.3	0.8	6.4	24.4
2024	7.6	1.3	4.1	0.0	2.0	0.2	0.7	5.7	21.6
2025	6.7	1.1	3.8	0.0	1.7	0.1	0.6	5.0	19.1
2026	5.9	0.9	3.5	0.0	1.5	0.1	0.5	4.5	17.0

## Notes:

<sup>1</sup> Production forecasts based on decline and material balance analysis of proved, developed reserves. Forecast horizon is 2036; shown through 2026 in table and related chart.

<sup>2</sup> Net gas injections reported for Swanson River 1966-82.

<sup>3</sup> Includes Kenai pools: Sterling 3, 4, 5.1, 5.2, 6, Upper Tyonek-Beluga, Tyonek, and Beluga Undefined; plus all Cannery Loop pools.

<sup>4</sup> All Other includes proved developed producing reserves of Albert Kaloa, Beaver Creek, Granite Point, Ivan River, Lewis River, Pretty Creek, Stump Lake, Kasilof, Kustatan, Lone Creek, MGS, Moquawkie, Nicolai Creek, North Fork, North Trading Bay, Redoubt, Sterling, Three-Mile Creek, Trading Bay, West Foreland, West Fork, West McArthur River and Wolf Lake.

<sup>5</sup> Includes DNR estimates of non-producing, probable reserves based primarily gas prospectivity in the Nikolaevsk and North Fork exploration areas. Also includes risked probable reserves estimates for the developed-producing fields based on a material balance, plans of development, historic well production rates, and individual field characteristics.

Source of Historic Data 1985-2006: Alaska Oil and Gas Conservation Commission, "Alaska Production Summary by Field and Pool", Monthly Reports.

Figure III.6

Gas Production-Forecast

## Cook Inlet

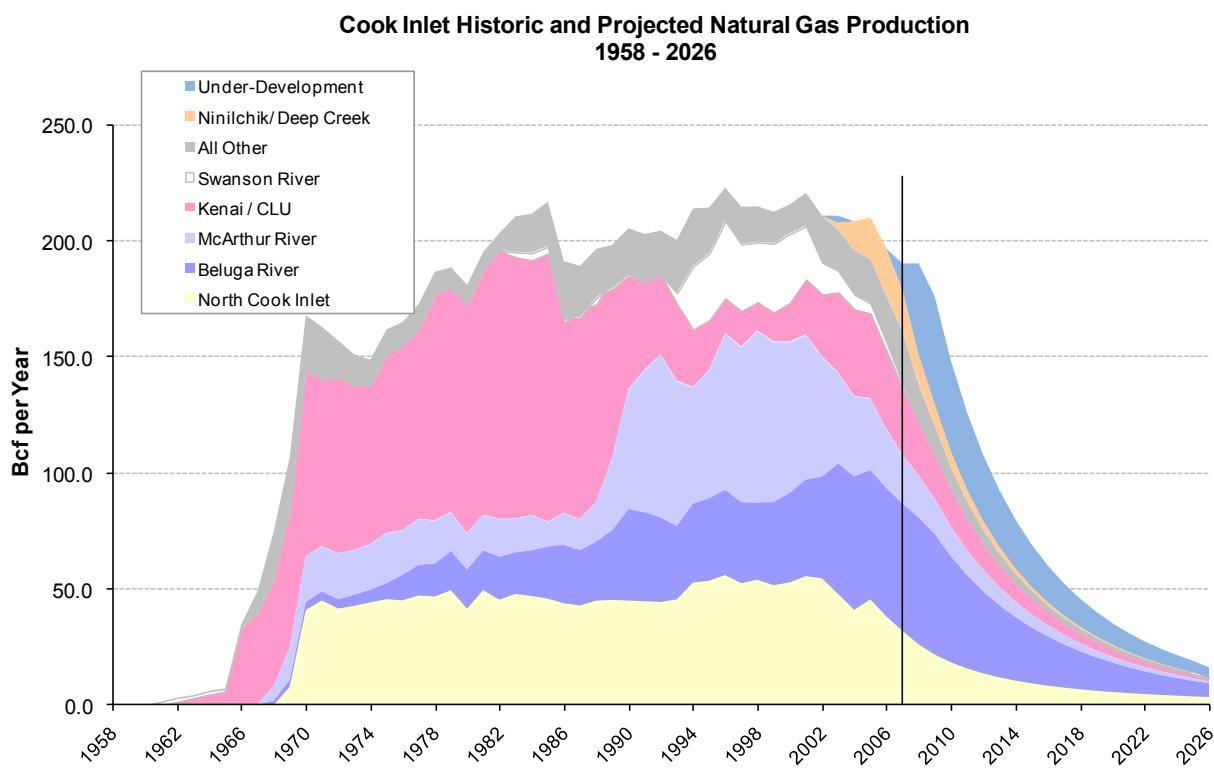
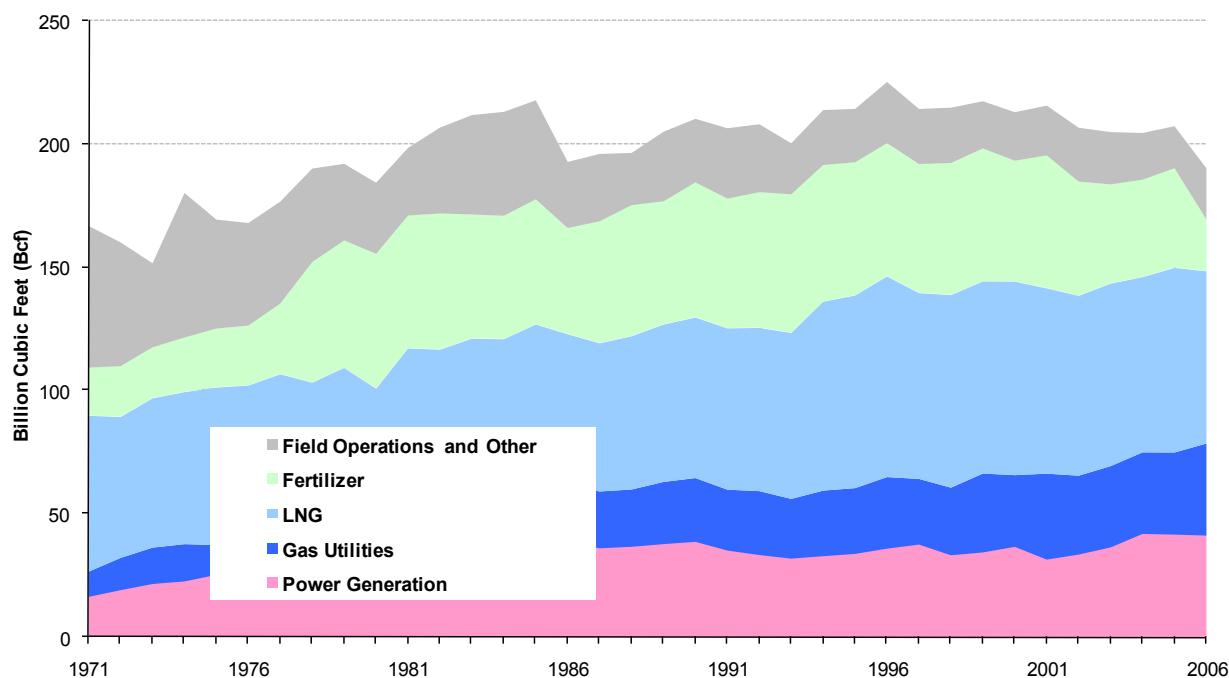
Note:

Figure III.6 corresponds to Table III.9 and represents the Division's current estimate of proved producing and probable reserves. Actual produced volumes will be greater than those projected here as new reserves are discovered, developed and produced to meet demand.

**Figure III.7 and Table III.10      Gas Consumption-Historic**

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**Figure III.7   Cook Inlet Historic Gas Consumption by Major Disposition Group  
1971 - 2006**



**Table III.10   Cook Inlet Historic Gas Consumption by Major Group, 1991-2006**  
Billions of Cubic Feet Per Year

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Average 1990-	Average 1997-	Average 2001-
Power Generation	38.9	35.3	33.5	32.0	33.0	34.0	36.1	37.7	33.4	34.6	36.8	31.6	33.7	36.6	42.1	41.8	41.4	34.7	35.6	37.9
Gas Utilities	25.9	24.7	25.9	24.2	26.6	26.7	29.0	26.6	27.4	32.0	29.1	34.9	32.0	33.0	33.1	33.3	37.4	26.2	28.8	33.9
LNG	65.1	65.4	66.2	67.3	76.7	78.1	81.4	75.4	78.1	78.0	78.5	75.2	73.0	74.0	71.1	74.9	69.9	71.5	77.5	73.0
Ammonia-Urea	54.8	52.6	55.0	56.2	55.4	54.0	54.0	52.3	53.6	53.9	49.0	53.9	46.3	40.2	39.5	40.4	21.0	54.6	52.2	40.2
Field Ops and Other	25.8	28.6	27.6	20.7	22.3	21.6	24.8	22.4	22.5	19.1	19.7	20.2	20.2	21.9	21.2	18.9	17.1	20.7	24.5	20.9
	210.4	206.6	208.2	200.5	214.0	214.5	225.4	214.5	215.0	217.6	213.1	215.8	206.8	205.1	204.7	207.4	190.4	211.4	215.0	205.0

Percent of the Total in Each Year (%)

	18.5	17.1	16.1	16.0	15.4	15.8	16.0	17.6	15.5	15.9	17.3	14.7	16.3	17.8	20.6	20.1	21.8	16.4	16.6	18.5
Power generation	18.5	17.1	16.1	16.0	15.4	15.8	16.0	17.6	15.5	15.9	17.3	14.7	16.3	17.8	20.6	20.1	21.8	16.4	16.6	18.5
Gas Utilities	12.3	12.0	12.5	12.1	12.4	12.5	12.9	12.4	12.8	14.7	13.7	16.2	15.5	16.1	16.2	16.1	19.6	12.4	13.4	16.6
LNG	31.0	31.7	31.8	33.6	35.8	36.4	36.1	35.1	36.3	35.8	36.8	34.8	35.3	36.1	34.7	36.1	36.7	33.8	36.0	35.6
Fertilizer	26.0	25.5	26.4	28.0	25.9	25.2	24.0	24.4	24.9	24.8	23.0	25.0	22.4	19.6	19.3	19.5	11.0	25.8	24.3	19.6
Field Ops and Other	12.3	13.8	13.2	10.3	10.4	10.1	11.0	10.4	10.4	8.8	9.2	9.4	10.6	10.4	9.3	8.2	10.9	11.6	9.7	9.8
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table III.11 2006 Production-Daily

## Alaska

Field, Pool	Oil		Gas
	barrels per day	million cu. ft. per day	
ALBERT KALOA, UNDEFINED GAS	-		2.0
BADAMI, BADAMI OIL	1,316		11.5
BARROW, EAST BARROW GAS	-		0.1
BARROW, SOUTH BARROW GAS	-		0.3
BEAVER CREEK, BEAVER CREEK OIL	212		0.1
BEAVER CREEK, BELUGA GAS	-		14.6
BEAVER CREEK, STERLING GAS	-		0.1
BEAVER CREEK, TYONEK UNDEF GAS	-		0.3
BELUGA RIVER, UNDEFINED GAS	-		151.7
BIRCH HILL, UNDEFINED GAS	-		-
COLVILLE RIVER, ALPINE OIL	114,326		138.6
COLVILLE RIVER, FIORD OIL	4,886		3.0
COLVILLE RIVER, NANUQ OIL	15		0.0
COLVILLE RIVER, NANUQ-KUPK OIL	1,848		1.3
COLVILLE RIVER, QANNIK OIL	150		0.1
DEEP CREEK, HAPPY VALLEY BELUGA/TYONEK GAS	-		7.7
ENDICOTT, EIDER OIL	96		5.5
ENDICOTT, ENDICOTT OIL	16,043		331.5
ENDICOTT, IVISHAK OIL	174		0.1
GRANITE PT, HEMLOCK UNDEFINED OIL	84		0.1
GRANITE PT, MIDDLE KENAI OIL	2,914		2.6
GRANITE PT, UNDEFINED GAS	-		-
IVAN RIVER, UNDEFINED GAS	-		3.2
KASILOF, TYONEK UNDEFINED GAS	-		2.4
KENAI, BELUGA UNDEFINED GAS	-		-
KENAI, STERLING 3 GAS	-		2.2
KENAI, STERLING 4 GAS	-		4.5
KENAI, STERLING 5.1 GAS	-		-
KENAI, STERLING 5.2 GAS	-		-
KENAI, STERLING 6 GAS	-		12.8
KENAI, TYONEK GAS	-		2.8
KENAI, UP TYONEK BELUGA GAS	-		38.3
KENAI CANNERY LOOP, BELUGA GAS	-		18.7
KENAI CANNERY LOOP, STERLING UNDEFINED GAS	-		7.6
KENAI CANNERY LOOP, TYONEK D GAS	-		-
KENAI CANNERY LOOP, UPPER TYONEK GAS	-		5.3
KUPARUK RIVER, KUPARUK RIVER OIL	124,665		247.7
KUPARUK RIVER, MELTWATER OIL	3,808		11.7
KUPARUK RIVER, TABASCO OIL	3,885		0.9
KUPARUK RIVER, TARN OIL	20,698		33.7
KUPARUK RIVER, UGNNU UNDEFINED OIL	-		0.0
KUPARUK RIVER, WEST SAK OIL	18,128		13.9
KUSTATAN, UNDEFINED GAS	-		0.6
LEWIS RIVER, UNDEFINED GAS	-		0.05
LONE CREEK, UNDEFINED GAS	-		3.8
MCARTHUR RIVER, HEMLOCK OIL	4,476		2.4
MCARTHUR RIVER, MIDKENAI G OIL	0		0.8
MCARTHUR RIVER, MIDDLE KENAI GAS (GRAYLING GAS SANDS)	-		66.3
MCARTHUR RIVER, UNDEFINED OIL	-		-
MCARTHUR RIVER, WEST FORELAND OIL	222		0.04
MIDDLE GROUND SHOAL, A OIL	-		-
MIDDLE GROUND SHOAL, B,C,D OIL	-		-
MIDDLE GROUND SHOAL, E,F,G OIL	3,265		0.8
MIDDLE GROUND SHOAL, UNDEF GAS	-		0.01
MILNE POINT, KUPARUK RIVER OIL	23,277		16.9
MILNE POINT, SAG RIVER OIL	281		0.3
MILNE POINT, SCHRADER BLFF OIL	12,836		8.1
MILNE POINT, UGNNU UNDEFINE OIL	-		-
MOQUAWKIE, UNDEFINED GAS	-		2.1

Table III.11 2006 Production-Daily

## Alaska

Field, Pool			Oil	Gas
		barrels per day	million cu. ft. per day	
NICOLAI CREEK, BELUGA UNDEFINED GAS		-	0.9	
NICOLAI CREEK, NORTH UNDEFINED GAS		-	0.2	
NICOLAI CREEK, SOUTH UNDEFINED GAS		-	0.3	
NINILCHIK, FC TYONEK UNDEFINED GAS		-	14.2	
NINILCHIK, GO TYONEK UNDEFINED GAS		-	14.4	
NINILCHIK, PAX TYONEK UNDEFINED GAS		-	1.3	
NINILCHIK, SD TYONEK UNDEFINED GAS		-	18.5	
NORTH COOK INLET, TERTIARY GAS		-	104.5	
NORTH FORK, UNDEFINED GAS		-	-	
OOOGURUK, UNDEFINED OIL		-	-	
PRETTY CREEK, UNDEFINED GAS		-	0.05	
NORTHSTAR, KUPARUK C UNDEFINED GAS		11	0.3	
NORTHSTAR, NORTHSTAR OIL		51,718	389.6	
PRUDHOE BAY, AURORA OIL		10,448	31.4	
PRUDHOE BAY, BOREALIS OIL		15,718	15.9	
PRUDHOE BAY, LISBURN OIL		10,119	179.9	
PRUDHOE BAY, MIDNIGHT SUN OIL		5,707	10.1	
PRUDHOE BAY, N PRUDHOE BAY OIL		-	-	
PRUDHOE BAY, NIAKUK OIL		4,704	6.2	
PRUDHOE BAY, ORION SCHRADER BLUFF OIL		6,799	4.9	
PRUDHOE BAY, POINT MCINTYRE UNDEFINED OIL		-	-	
PRUDHOE BAY, POLARIS OIL		2,251	2.3	
PRUDHOE BAY, PRUDHOE OIL		303,077	6,698.0	
PRUDHOE BAY, PT MCINTYRE OIL		22,191	115.7	
PRUDHOE BAY, PUT RIVER OIL		386	0.2	
PRUDHOE BAY, RAVEN OIL		1,824	9.0	
PRUDHOE BAY, W BEACH OIL		-	-	
REDOUBT SHOAL, UNDEFINED G-Ø GAS		-	-	
REDOUBT SHOAL, UNDEFINED OIL		732	0.2	
REDOUBT SHOAL, UNDEFINED TYONEK GAS		-	-	
STERLING, BELUGA UNDEFINED GAS		-	6.0	
STERLING, STERLING UNDEFINED GAS		-	-	
STERLING, TYONEK UNDEFINED GAS		-	-	
STUMP LAKE, UNDEFINED GAS		-	0.0	
SWANSON RIVER, BELUGA UNDEFINED GAS		-	0.9	
SWANSON RIVER, HEMLOCK OIL		719	0.9	
SWANSON RIVER, STERLING UNDEFINED GAS SANDS		-	2.9	
SWANSON RIVER, TYONEK UNDEFINED GAS		-	4.9	
SWANSON RIVER, UNDEFINED OIL		-	-	
THREE MILE CK, BELUGA UNDEFINED GAS		-	1.7	
TRADING BAY, G-NE/HEMLOCK-NE OIL		-	0.0	
TRADING BAY, HEMLOCK OIL		284	0.5	
TRADING BAY, MIDDLE KENAI UNALLOCATED		-	-	
TRADING BAY, MID KENAI B OIL		214	0.1	
TRADING BAY, MID KENAI C OIL		173	0.2	
TRADING BAY, MID KENAI D OIL		231	0.1	
TRADING BAY, MID KENAI E OIL		80	0.03	
TRADING BAY, UNDEFINED GAS		-	0.03	
TRADING BAY, UNDEFINED OIL		102	0.03	
TRADING BAY, WEST FORELAND OIL		-	-	
WALAKPA, WALAKPA GAS		-	3.4	
WEST FORELAND, TYONEK UNDEFINED 4.0 GAS		-	5.9	
WEST FORELAND, TYONEK UNDEFINED 4.2 GAS		-	3.3	
WEST FORK, STERLING A GAS		-	-	
WEST FORK, STERLING B GAS		-	-	
WEST FORK, UNDEFINED GAS		-	1.8	
WEST MCARTHUR RIVER, W MCARTHUR RIVER OIL		1,197	0.4	
WOLF LAKE, BELUGA-TYONEK UNDEFINED GAS		-	0.002	
<b>TOTAL STATEWIDE DAILY PRODUCTION VOLUME</b>		<b>796,289</b>	<b>8,831</b>	
<b>TOTAL COOK INLET</b>		<b>14,904</b>	<b>539</b>	
<b>TOTAL NORTH SLOPE</b>		<b>781,385</b>	<b>8,292</b>	

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